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MONTANA HIGHWAY DEPARTMENT

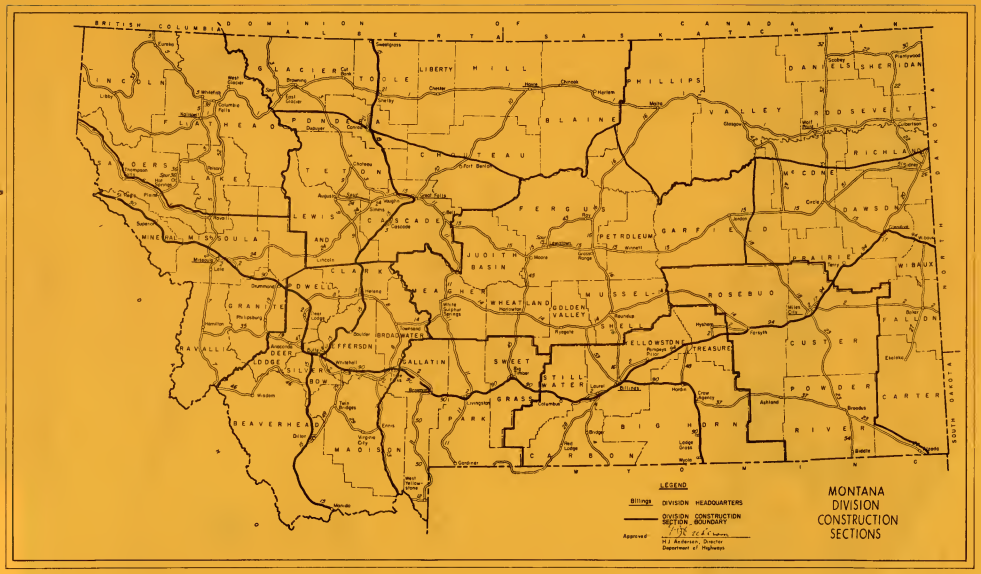
STATE DOCUMENTS

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

NOVEMBER 7, 1977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H J Anderson, Director
Department of Highways
MONTANA
DIVISION
CONSTRUCTION
SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
NOVEMBER 4, 1977

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending November 4, 1977.

G E N E R A L

Skies have been partly cloudy and temperatures cool the past two weeks. Progress has been fair on the active projects.

P R E C O N S T R U C T I O N

I 90-1(77)22, Drexel-East & West
Length-5.342 Miles, Construction Staking
Construction layout remains 28% complete.

Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Personnel are currently working on other assignments.

I 90-1(13)39-43, Sloway-East & West
I 90-1(40)43-47, Superior-West
F 254(10), LaVista-Superior Primary

Henningson, Durham & Richardson
Helena, Montana, Consultants
Completion Date-September 16, 1977

Submitted original fencing plans to MDH on October 13, 1977 for the Sloway E & W and the Superior West Projects. The Sloway E & W job is 99.7% complete. The Superior West project is 99.7% complete. Working on Right of Way and utilities for LaVista Superior Primary. Requested additional title memos on September 16, 1977. The total primary portion is 96.5% complete. The total bridge section of the contract is 100.0% complete. The total contract of the roadway protion is 99.9% complete. The total contract as a unit is 99.8% complete.

HHS 6-1(2)69, Plains-West
Length-6.7 Miles

Carl Smith, Field Project Manager
General Delivery, Plains, Montana

Contract scheduled for letting in December, 1977. Personnel are presently working on other projects.

RF 6-1(4), Plains-Paradise
Length-6.9 Miles

Carl Smith, Field Project Manager
General Delivery, Plains, Montana

Work consisted of running levels and benches from Station 35 + 00 to 238 + 00 and working on section ties. The project is 10.5% complete.

F 6-1(5), Thompson Falls-East
Length-10 Miles, Preliminary Engineering

Personnel Unassigned

Work will be started when personnel are available.

F 7-1(1), Hamilton-North — Al Dutton, Field Project Manager
Length-2 Miles — Missoula, Montana, Phone 549-6491
No work has been done on this project the past two weeks.

F 7-1(9), Darby North and South — Personnel unassigned
Length-17 Miles
Work will be started when personnel are available.

FF 7-1(10), Victor-South — Al Dutton, Field Project Manager
Length-9.5 Miles — Missoula, Montana, Phone 549-6491
Project remains 20% complete. No work has been done on this project the past two weeks.

FF 7-1(11), Florence-Lolo, Add 2 Lanes — Jim Smith, Designer II
Length-8.5 Miles — Missoula, Montana, Phone 549-6491
Design remains 20% complete. No work on this design this past period, personnel on other projects.

F 41-1(1), Avon-North Overlay — Jim Smith, Designer II
Length-7.8 Miles — Missoula, Montana, Phone 549-6491
No work on this design this past period, Personnel on other projects. Design remains 10% complete.

F 197(8), Dixon-Ravalli — Personnel Unassigned
Length-8.5 Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 269-1(01), State Route 269, Stevensville — Jim Smith, Designer II
Length-0.8 Miles — Missoula, Montana, Phone 549-6491
No work on this design this past period, personnel on other projects. Design remains 10% complete.

M 8114(1), Missoula — Personnel Unassigned
Fifth and Sixth to Seventh Streets
Work will be started when personnel are available.

CONSTRUCTION

I 90-1(80), Lookout Pass-East — Northwest Construction, Inc.
Length-10.732 Miles, AGS-PMS-PCCP, — Kirkland, Washington, Contractor
Guard Rail & Signs — Mike Jovanovich, Engineer Tech. 3
Contract Awarded May 6, 1975 — St. Regis, Montana, Phone 649-2460
Amount of Contract-$5,359,580.07 — Contract Time-200 Working days
Work Started June 30, 1975 — Project Completed October 28, 1977
Work Proceed Date-May 28, 1975
The project was completed October 28, 1977. Seeding work at Brimstone Pit was completed October 28, 1977. The final estimate will be submitted to the Division Office about December 30, 1977.

I 90-1(78)11, Saltese-DeBorgia — Peter Kiewit Son's Company
Length-10.8 Miles — Billings, Montana, Contractor
PMS, PCCP & Related Items — Gary Eichert, Field Project Manager
Contract Awarded-May 24, 1977 — St. Regis, Montana, Phone 649-2460
Amount of Contract-$6,244,632.55 — Probable Completion Date-September, 1978

One Five man crew working 5-10 hour shifts inspecting plant mix paving operations underway at this time. Westbound ramps at Haugan and DeBorgia Interchanges and temporary approaches to concrete pavement in place in westbound lane have been completed. Asphalt bevels are presently being placed next to concrete pavement in place. This will complete work on this project for this season. Traffic will be returned to a four-lane facility for the winter months. The contract is 49% complete with 38% of the contract time elapsed. The construction layout is 40% complete.

I 90-1(77)22, Unit 1, Drexel-East & West
Length-445 Ft. & 638 Ft. Composite Steel
& Girder Bridges over St. Regis River
Contract let July 2, 1975
Work started August 19, 1975
Amount of Contract-$2,282,935.00
Hensel Phelps Construction Company
Vancover Washington, Contractor
Jack Silvey, Engineer Tech 3
Missoula, Montana, Phone 549-6491
Project completed July 8, 1977
Contract time-140 Working days
One Engineer is working on the final estimate to be turned in on November 4, 1977.

I 90-1(77)22, Unit 3, Drexel-East & West
Length-138 Ft. Prestressed Concrete
Girder Overpass
Amount of Contract-$292,648.99
Work started April 15, 1977
Sletten Construction Company
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
Contract time-135 Working days
Project Completed October 28, 1977
Project was completed on October 28, 1977. The final estimate will be submitted to the Division office about December 30, 1977.

I 90-1(77)22, U-4, Drexel-East & West
Construction of Dual 122.5 Ft. Concrete
Girder Overpass (Drexel Interchange)
Contract let June 23, 1977
Amount of Contract-$304,433.16
Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana Phone 649-2479
Probable Completion Date-July 15, 1978
Work during the past weeks has consisted of driving service Pile at Bents 1 and 4 Eastbound and Westbound, placing concrete for the beam seats at Bents 1 and 4 Eastbound and Westbound. The contract is 60% complete with 50% of the time elapsed. The Construction layout with 2 engineers engaged is 50% complete.

I 90-1(77)22, Unit-5, Drexel-East & West
Structures at Sta. 241+61 251+80
Contract let February 24, 1977
Amount of Contract-$1,102,551.98
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Bill Maart, Field Project Manager
St. Regis, Montana, Phone 649-2479
The Contractor is forming the deck and diaphrams of Span # 4/242 and back wall Bent #5/242. Has placed bottom of cap Pier #2/252 and forming top of cap Pier #2/252. The Contract as a whole is 45% complete with 60% of the contract time elapsed. The Construction layout is 90% complete with 4 Engineers engaged.

I 90-1(77)22, Unit-6, Drexel-East & West
Length-0.207 Miles
Construction of End Bents & Composite Steel
and Concrete Girder Bridges
Contract let May 26, 1977
Amount of Contract-$1,242,649.35
McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Larry Chezik, Field Project Manager
St. Regis, Montana, Phone 649-2479
Probable completion date-November, 1978

Progress has been good. The contractor worked 15-8 hr. shifts employing 3 to 18 men. Work consisted of placing concrete for the backwall of Bent No. 1, erecting structural steel for span No. 3 westbound and spans No. 4 eastbound and westbound for the structure at station 183+57. Excavating for the footings of Bent No. 1 for the structure at station 169+72. The project as a whole is 14% complete with 27% of the contract time elapsed. Two state employees are assigned to the project.

I-IG 90-1(61)27, U-1, St. Regis-East & West
Length-151.5 Ft. Prestressed Girder Bridge
376.03 Composite Steel & Concrete Girder
Bridge over St. Regis River
Contract let-March 31, 1977
Amount of Contract-$1,007,222.56
Cop Construction Company
Billings, Montana, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2479
Contract time-250 Working days
Probable Completion Date-November 15, 1978
Work during the past weeks has consisted of placing concrete for the cap at Pier No. 2, Wingwall at abutment No. 1, Upper Cap at Piers 3 and 4 and the deck on L-2 Ramp Structure. The project as a whole is 48% complete with 50% of the contract time elapsed. The construction layout is 50% complete with 2 engineers engaged.

I 90-1(59)35, U-1, St. Regis-East
Length-3.6 Miles, GR-AGG. SURF.-PMB
Sign & Flasher Installation
Contract let-December 16, 1976
Amount of contract-$2,836,425.90
Work Proceed date-April 18, 1977
Washington Construction Company
Missoula, Montana, Contractor
Lorren Claridge, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract time-220 working days
Probable completion date-December 15, 1977
The contractor is presently working from station 700+00 to 790+00 westbound on ex--cavation. This area consists of a fine sand and silt which is below maximum moisture content in the cut sections which permits grading operations to continue during the frequent rains this fall weather. From Station 800 plus or minus to approximately 845 westbound the material consists of a wet clay type soil which will have to have warm weather to assist in grading operations for final completion. Also the contractor is placing drainage items as required from 700+00 to 790+00. No other work is being accomplished at this time. The contract is 74% complete with 52% of the contract time elapsed. The construction layout is 90% complete with 10 engineers engaged.

I 90-1(87)45, Superior-West
Length-544.5 FT. Composite Steel & Concrete Girder Bridge over the Clark Fork River
Contract let June 26, 1975
Amount of contract-$1,084,707.40
Work started August 25, 1975
Hensel Phelps Construction Company
Vancover, Washington, Contractor
George Roat, Field Project Manager
St. Regis, Montana, Phone 649-2471
Contract time-250 Working days
Project Completed-August 19, 1977
Final estimate will be submitted to the Division Office about November 30, 1977.

I 90-1(70)76, Alberton-East
I 90-2(51)78, U-1 Huson-West
Length-6.0 Miles
Grading, Agg. Surf. P.M. Surf, Fencing
Contract let October 27, 1977
Amount of Contract-$2,796,608.96
There has been no contact with the contractor.
Hilde Construction Company Inc.
Jerry Tahija, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-180 working days

I 90-1(51)78, U-3, Huson-West
Length-1,020 Ft. Composite Steel & Concrete Girder Bridge over Clark Fork and Emp. Apps.
Amount of Contract-$2,367,500.00
Work Started October 9, 1974
Final data forwarded to Helena October 27, 1977.

Hensel Phelps Construction Company
Vancover, Washington, Contractor
Bill Maart, Field Project Manager
Contract Time-280 Working Days
Project Completed June 28, 1977

F 93-1(1)0, U-1, Lolo Pass-Lolo
Length-16.1 Miles
Overlay Stripping
Contract let July 29, 1977
Amount of Contract-$689,279.03
Work began September 12, 1977

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-60 working days
Probable completion date-July 1, 1978

The Contractor has completed crushing the plant mix aggregate and has moved the crusher and equipment out. Plant mix operations began on October 24, 1977. The asphalt content is running 5.5% and the contractor has 2 steel vibratory rollers and one pnuematic roller on the roadway. The contractor has not been able to meet the Marshall Density so a control strip has been run and compaction density will be computed on the basis of the control strip. The Plant mix laydown is approximately 27% complete. The Project as a whole is 20% complete with 63% of the contract time elapsed. The construction layout is 90% complete withll engineers engaged.

RF 164(20), Philipsburg-South
Length-7.7 Miles, PMB. Seal & Cover
Signing and Lighting
Contract let-May 13, 1976
Amount of Contract-$591,661.11
Work started May 26, 1976
Final estimate sumitted to Helena October 31, 1977.

Zook Brothers Construction Company
Great Falls, Montana, Contractor
Al Dutton, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-90 Working Days
Project completed April 14, 1977

RF 192(9), Arlee-Safety, US 93
Flasher Installation & Traffic Control Devices, Contract let-November 19, 1976
Amount of Contract-$29,588.95
Work Strated March 14, 1977
Work proceed date-April 19, 1977
One engineer is working on final estimate.

S & S Construction Company
Helena, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-20 Working days
Project completed October 13, 1977

HHS 219(1), FF 219(32) & HHS 21(35)
DeSmet Interchange-North, Evaro-North & South & Evaro Hill
Length-10.595 Miles, Missoula & Lake Cty's
Contract let-February 26, 1976
Amount of contract-$876,235.40
Final estimate submitted to Helena October 27, 1977.

McIntyre Construction Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-110 Working days
Project completed September 29, 1976

RS DP 224(14), U-2, Reserve Street
Length-148 Ft. Concrete Girder Overpass Over C.M.S.T.P. & P. Railroad, Approaches & Fencing Contract awarded-May 2, 1977
Amount of contract-$360,910.77
Work Proceed Date-May 23, 1977

General Construction Company
Butte, Montana, Contractor
Chuck Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-105 Working days
Probable completion date-November 15, 1977

The Contractor has 5 men on installation of 48" CSP at Station 115+11. Work on railroad overpass ceased as of October 27, 1977. B-1 completed driving steel " H " pile, cap form set and concrete poured. Excavation-Unclassified Borrow is 86% complete, fencing is 80% complete, structure excavation is 99% complete, placing reinforcing steel is 21% complete, Concrete - class AD is 100% complete and test pile is 100% complete. Treated timber pile is 48% complete and Prestressed beams 40', 45' and 60' is 100% complete. Under Change order No. 3, Furnish and drive 10" X 42# Steel pile is 100% complete. Three men in field on inspection and layout and two men in office on notes and computations. The project as a whole is 66% complete with 68% of the time elapsed. The construction layout is 75% with 5 engineers engaged.

RS-DP 224(14) U-3, Reserve Street
Length-333.14' Prestressed Concrete Girder Bridge
Contract let October 27, 1977
Amount of Contract-$635,990.40
There has been no contact with the Contractor.

Sletten Construction Company
Great Falls, Montana, Contractor
Charles Hegman, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-210 Working Days

RS 343(12), Avon-Helmville
Length-5.1 Miles, G-Agg. SURF-PMB Widen and Guard Rail Revision
Contract let May 27, 1976
Amount of Contract-$1,168,747.12
Two engineers are working on the final estimate to be sent to the Division Office about November 30, 1977.

Washington Construction Company
Missoula, Montana, Contractor
Jerry Tahija, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract Time-150 Working Days

M-RS 000S(53), Missoula County-Urban
Length-37.9 Miles, Signing & Delineation
Contract let October 29, 1976
Amount of Contract-$58,986.70
Contract Time-90 working days
Final estimate to be submitted to the Division Office by November 30, 1977.

Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Project Completed June 10, 1977

ROS 4144(52) U-5, Bridge End Protection
East Missoula, Bridge End Guard rail and Concrete Median Rail
Contract let-June 23, 1977
Amount of Contract-$12,721.80
The final estimate submitted to Helena October 25, 1977.

Frank Gurney Inc. & Subsidiary
Spokane, Washington, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Project Completed-July 29, 1977

M 8105(3), Missoula, Channelization & Signal Revision, W. Broadway & Russell Intersection
Contract let November 19, 1976
Amount of Contract-$125,400.50
Work Proceed Date-April 18, 1977
The Contractor has worked five days the past two weeks. He installed signal and sign bases. The contractor is still waiting on materials for the under ground phase of the work. The Contract as a whole is 26% complete with 0% time elapsed. The Construction layout is 75% complete with Personnel on other projects.

Fred Strandberg Construction Company, Inc.
Helena, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
Probable completion date-June 2, 1978

8105(4) U-1 Missoula
Revision of Traffic Control Devices at two locations

Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491

Contract letting October 27, 1977

M 8107(4), North Orange Street, Missoula
Length-0.8 Miles, Lighting & Overhead
Monitor Contract let August 25, 1976
Amount of Contract-$85,663.22
Midland Electric Company
Billings, Montana, Contractor
Jim Williams, Field Project Manager
Missoula, Montana, Phone 549-6491
The Contractor has not worked the past week. He is still waiting on materials to complete the project. The Contract as a whole is 88% complete with 69% contract time elapsed. The construction layout is 95% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossing, Signing & Signalization
Contract let June 10, 1976
Amount of Contract-$106,132.00
Work started July 20, 1976
Work Proceed Date-July 6, 1977
Western Sign Corporation
Great Falls, Montana, Contractor
Julian Hughes, Field Project Manager
Missoula, Montana, Phone 549-6491
Contract time-60 Working days
Project Completed-June 2, 1977
Final estimate will be submitted to the Division Office about November 25, 1977.

SMP 3299-77, Missoula & Ravalli Counties
Crush and Stockpile 55,000 tons Aggregate
Contract let January 27, 1977
Amount of Contract-$166,025.00
Work Proceed date-April 18, 1977
Work started June 8, 1977
Washington Construction Company
Missoula, Montana, Contractor
Dwight Lohn, Lab Supervisor 3
Missoula, Montana, Phone 549-6491
Contract time-30 Working days
Project Completed-August 8, 1977
Final estimate being checked in the Division Office.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

NOVEMBER 4, 1977

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending November 4, 1977.

G E N E R A L

Progress has been fair. Weather has ranged from clear to cloudy with periods of light precipitation. Day time temperatures ranged from $+40^{o}$ to $+56^{o}$ with night temperatures from $+17^{o}$ to $+41^{o}$. Highways are in average fall driving condition with normal traffic.

P R E - C O N S T R U C T I O N

HHS-1-1(02) Libby-Kalispell
Length - 2000' & 4700' Alignment
Design Started - April 5, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. Design personnel have been working on other assigned projects. Work will resume in the near future. 38 man days have been used to date on design, which is approximately 7% complete.

F-38-1(03) Columbia Falls East & West
S-486-1(1) Nucleus Avenue
Length - 5.4 Miles
Design Started - Jan. 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Dec. 30, 1977

F-38-1(03)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 329 man days have been used to date on design, which is approximately 70% complete.

S-486-1(1)

There has been no work on design the past period. Work will resume and be completed after the storm drain design is received from the Hydraulics Unit. 77 man days have been used to date on design, which is approximately 70% complete.

F-1-2(3) & LSF-1-257(5)
Coram-West Glacier Section
Length - 4.8 Miles
Scheduled for March, 1978 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950

There has been no work the past period due to the need for personnel on other projects. The referencing and R/W remain at approximately 40% complete.

Utilities

Montana Power - No work the past period.

Mountain States Telephone - No work the past period.

Burlington Northern R.R. Tel. - No work has been performed to date.

Flathead Electric Co-op - There has been no work on this project the past period. The remaining work consists of tearing down the old transmission line and constructing 2 services for the West Glacier area. There still remains a R/W problem for one of these services. The relocation remains at approximately 80% complete.

Northwest Telephone Systems, Inc. - This telephone relocation is 100% complete.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

One man is currently plotting cross sections for the alternate lines. Lab personnel will complete the Soils Survey in the near future. A typical section will then be requested. 56 man days have been used to date on design, which is approximately 6% complete.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Suspended - Jan. 17, 1975

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Est. Comp. Date - Pending

No work on this location survey the past period. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS 354-1(1) Polson-South
Length - 8.0 Miles
Survey Authorized Sept. 15, 1977
Work Started - October 24, 1977

Gerald Roat, Field Proj. Mgr.
Polson, Montana 59860
Phone: 883-4896

This survey was started October 24, 1977. A 5-9 member crew began locating section corners and lot and block corners. At present, no fly line or control points have been established. The survey as a whole is 0% complete.

RS-451(1) West Reserve Drive
Length - 6.5 Miles
Design Started - June 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design this reporting period. Work will resume after design personnel have completed other assigned projects. 82 man days have been used to date on RS-451(1) design, which is approximately 12% complete.

S-508-1(1)
NW Troy-Yaak River-Rexford
Length - 1.1 Miles
Design Started - July 6, 1977

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - October 18, 1977(Design)

Final plans were submitted to Helena October 18, 1977.

Utilities

Harp Line Construction has now completed the line change and General Telephone will move their telephone line sometime next week. The utility change should be completed by November 11, 1977.

F-5-2(03) Pablo-Kalispell
Length - 7.5 Miles
Survey Authorized - July 5, 1977
Work Started - Sept. 19, 1977

August Stobbe, Field Proj. Mgr.
Kim Trailer Court, West Shore
(No Phone)
Est. Comp. Date - May 1, 1978

Four to eight member survey crew assigned to project. All P.I.'s have been set. All distances between P.I.'s have been measured by distance meter except the last mile on north end. Center line has been run from Station 1231+90.8 to Station 1370+00. 68 man days have been used making a total of 138 man days used, with the survey approximately 3% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977

August Strobbe, Field Proj. Mgr.
Kim Trailer Court, West Shore
(No Phone)
Est. Comp. Date - Dec. 1, 1977

One to five member survey crew working on project. All aerial control points have been tied to ground controls. Elevation to aerial control points have been completed. The remaining field work to be conducted is ties to section and property corners. An additional 34 man days have been used making a total of 99 man dyas used making the field location survey approximately 75% complete.

FH-1-2(1) Troy-Libby
Length - 18.0 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Est. Comp. Date - Pending

FH-1-2(1) Troy-Libby (Cont.)

A five to six man crew has completed measuring ground control points with the electronic measuring device. The crew is presently running centerline with approximately 11 miles completed. 197 man days have been used making the location survey approximately 6% complete.

C O N S T R U C T I O N

HHS-1-2(2)121 Kalispell East-Street Lighting & Signal
Length - 1.5 Miles
Contract Let - May 26, 1977
Contract Awarded - May 31, 1977
Contract Amount - $179,990.10
Proceed Order - June 21, 1977
Work Started - August 22, 1977

Harp Line Const. Co.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - Dec. 1, 1977

Progress has been good the past period. The prime contractor worked 15-8 hour shifts with 4-8 men employed, laying 1" and 2" conduit and digging holes for the light bases. The sub-contractor, Sandon Construction Co., worked eleven 8-9 hour shifts with 2-11 men employed. The sub-contractor has been pouring light bases, grading the 1½" CBS and the 3/4" CTS and paving the new left turn bay and acceleration lane. The project is approximately 35% complete with 21% of the contract time elapsed. One state employee is assigned to the project.

ERFO-72(2) Essex-Summit
Bear Creek - Flood Repair
Length - N/A
Contract Let - Oct. 29, 1976
Contract Awarded - Oct. 29, 1976
Contract Amount - $1,711,336.10
Proceed Order - April 18, 1977
Work Started - Nov. 22, 1976

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Essex, Montana 59916
(No Phone)
Contract Time - 120 Working Days
Prob. Comp. Date - November 18, 1977

No work on project during this past reporting period. The project remains 99% complete with 97% of the contract time elapsed. Clean up work remaining to be conducted is the removal of riprap rock from creek left of Station 197+. Construction layout is 100% complete with two engineering personnel working part time on checking project notes, the final should be sumbitted to the division office about December 1, 1977.

RF-BRF-100(15) Flathead River Bridge
Columbia Falls
Pre-Stressed Concrete Girder Bridge & Grade, Surf. Temp. Approach
Length - 0.303 Miles

COP Construction Company
Billings, Montana 59101
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006

RF-BRF-100(15) Flathead River Bridge
Columbia Falls (Cont.)

Contract Let - March 27, 1975
Contract Awarded - March 31, 1976(Con.by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

Contract Time - 300 Working Days
Project Completed - Nov. 2, 1977

Progress has been fair this past period with the completion of sheet pile removal. The diver and crew (3 total) worked 7 shifts, some split shifts to utilize lower water elevations. The project is now complete effective November 2, 1977. One inspector is assigned to the project working on notes etc., for the final estimate.

F-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. & Seal, Strom Sewer Installation Signing Lighting & One Pre-Stressed Concrete Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 4, 1975
Contract Amount - $2,843,803.46
Proceed Order - April 28, 1975
Work Started - April 28, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.
Polson, Montana 59860
Phone: 883-4896
Contract Time - 200 Working Days
Project Completed - Dec. 6, 1976

No work on final the last two weeks due to other assignments. The best estimate at this time for submittal to division office is November 15, 1977.

RS-410(8) Wampoo-4th of July Creek-Yaak Road
Grade, Gravel, Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - July 6, 1976
Work Started - July 6, 1976

Murphy Brothers Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time - 140 Working Days
Project Completed - Aug. 24, 1977

One to two men are working on the final quantities. Part of the final notes are now in the division office for checking. The entire final notes will be sent to the division office by November 18, 1977.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.8 Miles
Contract Let - Dec. 18, 1975
Contract Awarded - Dec.19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-3950
Contract Time - 180 Working Days
Project Completed - Aug. 16, 1977

RS-DP-448(3) Dayton-Northwest (Cont.)

The project was completed on August 16, 1977 within the alloted contract time. One man working on checking notes as time permits and the final should be submitted to the division office about November 15, 1977.

M6730(1) & RS 404(8) Kalispell-South Loop
Grade, Agg. Surf. Pl. Mix Base, Pl. Mix Surf. & Water Line and Signing
Length - 3.7 Miles
Contract Let - Sept. 30, 1976
Contract Awarded - Oct. 7, 1976
Contract Amount - $1,739,309.92
Proceed Order - Oct. 28, 1976
Work Started - Nov. 9, 1976

Clark Brothers Contractors
Victor, Montana 59875
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 130 Working Days
Prob. Comp. Date - July 1, 1978

Temporary stiping was completed on October 3, 1977. Seal and cover phase will be done in the spring and permanent striping will be done after that. Signing was completed October 6, 1977. Prime contractor had 4 to 5 men working on clean up. The seeding contractor began work on October 31, 1977 and plans to be completed by November 4, 1977. Placement of "Hold-Gro" erosion control fabric was begun. Weather has been fair the past two weeks. Project as a whole is 97% complete with 88% of the contract time elapsed. Construction layout is 97% complete with 1 to 2 men assigned.

SMP-1599-76(State Projects)
4 Crusher Setups in Flathead, Lake Lincoln, and Mineral Counties
Contract Let - Dec. 17, 1976
Contract Awarded - Dec. 17, 1976
Contract Amount - $113,500.00
Proceed Order - April 18, 1977
Work Started - March 29, 1977

Frank Boroni Construction
Butte, Montana
John Kalien, Lab. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 65 Working Days
Project Completed - June 14, 1977

The final was submitted to division office August 1, 1977 and is being checked as time permits. Will be submitted to Helena about November 10, 1977.

M-6714(3) Center St. & 1st Ave. E. Kal.
Length - 0.9 Miles
Contract Let - August 11, 1977
Contract Awarded - August 24, 1977
Contract Amount - $939,975.18
Proceed Order - Sept. 13, 1977
Work Not Started

Pack & Company, Inc.
Kalispell, Montana 59901
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time - 120 Working Days
Prob. Comp. Date - Pending

The pre-construction conference was held September 28, 1977. Utility work by P.P. & L. continues and Northwestern Telephone began their portion on October 26, 1977. Montana Power is not presently working, but will probably begin gas line relocation yet this fall. A 3 member crew worked 1 day for this period. Construction layout is approximately 5% complete.

Relocation: Montana 37 - Unit 3A Libby Dam & Lake Koocanusca Project
Length - 2.44 Miles
Contract Awarded - Aug. 3, 1976
Contract Amount - $732,945.00
Proceed Order - Aug. 31, 1976

Bering Straits Const. Co.
(Central Const. Co.)
Seattle, Washington
U.S. Army Corp of Engineers
Libby, Montana 59923
Phone: 293-6621
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time - 360 Working Days
Est. Comp. Date - Nov. 1, 1977

Progress has been fair. The sub-contractor has completed the paving. The project was accepted as complete except for some minor clean up and shaping shoulder lines to match existing pavement. The project as a whole is now 99% complete with one Corp inspector in charge.

Howard A. Stockwell
for James J. Keithley, P.E.
Supv. Div. Const. Section

JJK:HAS:mjb

Department of Highways

Butte, Montana

November 3, 1977

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending November 1, 1977. The weather has been cool with some rain & snow showers and temperatures ranging from +21° to +71°.

P R E C O N S T R U C T I O N

F 8-2(3)
Intersection of 11th Ave. and
Fee St.-Helena
Location Survey
0.00 Miles
Lewis & Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 8-4(1)77 Unit II
Townsend- Toston
Safety Improvement
10.2 Miles
Broadwater County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
March 3, 1978

Design work on this project is expected to begin on December 1, 1977.

I IG 15-3(13)157
Basin - Boulder
5.49 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Helena, Montana

Seeding and fertilizing recommendations were received from MDH on October 19, 1977. Quantity summaries are being prepared and Bridge preliminary plans are ready for the bridge Plan-In-Hand for the 4 bridge sites at stations 1385, 1456, 1469, and 1527. Design Plans are 77% complete. R/W Plans are 90% complete. Project as a whole is 82% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 49-2(1)16
Twin Bridges South
Design
10.4 Miles
Madison County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
February 3, 1978

There was no work on the project during this period. Design work has been suspended until typical section data for the overlay is received from the surfacing design section. Design work on the project is 10% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Estimated Completion Date:
Unknown

Survey has been suspended, temporarily, due to construction project. There has been a total of 511½ man days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 284-2(1)11
Canyon Ferry Dam S.E.
Location Survey
6.0 Miles
Broadwater and Lewis & Clark Counties

Engineer: Unassigned
Probable Completion Date:
Undetermined

Location work will begin when a crew becomes available.

RS 393-1(2)
Basin Creek Road
Design
2.850 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
August 11, 1978

PRECONSTRUCTION

RS 393-1(2) Cont'd.
Work for the period consisted of laying and computing grades, balancing earthwork quantities and templating cross sections. The cross sections, profile grade and a copy of the plan sheets were sent to Helena on October 31, 1977 for a review of water line conflicts with the new construction. A three man crew expended 10 man days for 115 days used to date. Design work on the project is 27% complete and will be suspended until the review of the water lines is completed. Preparing Plan Sheets, reducing notes and plotting and inking cross section are 100% complete. Laying and computing grades, templating cross sections computing areas and volumes and balancing the project are 52% complete.

RS 441-1(1)0
Gregson Road
Design
2.969 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
April 7, 1978

Design work on the project consisted of balancing earthwork, computing topsoil quantities and preparing R/W, Utility and Fencing plans. A three man crew expended 15 man days for a total of 125 man days used to date. Preparing plan sheets, reducing notes, plotting and inking cross sections are 100% complete. Laying and computing grades, templating cross sections, computing areas and volumes and balancing the project are 60% complete. Locating road approaches and computing quantities and compiling data on incidentals is 10% complete. Design work on the project is 29% complete.

M 5807(1)
Neill to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available.

CONSTRUCTION

FF 8-1(1)0
Garrison - East
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Pl. Mix Bit.
Surf., Lighting and Signing
3.9 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,683,507.23
Work Not Started

Zook Brothers Const. Co.
Great Falls, Mont.
Joseph Bettle, Manager
Field Project
Garrison, Mont. Tel. 846-3355
Contract Time: 130 Working Days
Probable Completion Date:
November 10, 1978

Preconstruction Conference was held November 2, 1977.

F FF 8-2(5)46 Unit 1
East Helena East & West
The construction of a dual 276.0 ft. prestressed concrete girder overpass (Over B.N. Inc.)
0.052 Miles
Lewis & Clark County
Contract Let: May 26, 1977
Bid Price: $648,804.88
Work Started: July 6, 1977

Sletten Const. Co.
Great Falls, Montana
Albert Reather, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 175 Working Days
Probable Completion Date:
July 22, 1978

Work the past period consisted of installing beams and pouring concrete. Project as a whole is 58% complete with 51% of the contract time elapsed.

F FF 8-2(5)46 Unit 2
East Helena - East & West
Grading, Agg. Surf., Cem. Treated Base, Lighting and a dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Const. Co.
Great Falls, Montana
Eugene Campbell, Manager
Field Project
East Helena, Mt. Tel. 227-6924
Contract Time: 200 Working Days
Probable Completion Date:
May 15, 1979

Work the past period consisted of installing culverts, erecting fence and conducting grading operations. The contractor employed 40 men for 14-8 hour shifts. Project as a whole is 9% complete with 13% of the contract time elapsed. Construction layout as a whole is 55% complete with 8 Engineers and 2 Inspectors engaged.

F 8-4(1)77 Unit 1
Plant Mix Overlay, Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Not Started

Meyer Const. Co.
Billings, Montana
Engineer: Unassigned
Contract Time: 90 Working Days
Probable Completion Date:
September 15, 1978

Preconstruction Conference has not been held. Work will not commence on this project until next spring.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 200 Working Days
Completion Date:
June 24, 1977

Certificate of Conditional Acceptance on July 7, 1977. Final Inspection is pending. Final Data is in Division Office but checking will not commence until older projects are checked. There are still some Cinequefoil plants remaining to be planted next spring.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville North
Grading, Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 250 Working Days
Probable Completion Date:
June 30, 1978

No report received from Engineer.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte Inter., Butte Spur,
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 25, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp. Lewis Constr.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Completion Date:
November 15, 1976

Checking of Final Data by Division Office personnel has been suspended awaiting clarification of questions by Field Office. It is estimated that Final Data will be sent to Helena on December 18, 1977.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0
foot prestressed concrete girder
overpass (Woodville Interchange),a dual 123.0'
Concrete girder overpass (Sawmill
Gulch Separation) and a dual 128.0
foot prestressed concrete girder overpass
(Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: Oct. 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Const. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 30 Working Days
Completion Date:
November 6, 1976

Final Inspection and Acceptance November 30, 1976. It is estimated that Final Data will be sent to Helena February 10, 1978.

I 15-3(26)140 Unit 1
Elk Park South
Grading, Aggregate Surfacing,
Plant Mix Bituminous Base,
Fencing and Signing
Jefferson County
2.4 Miles

McIntyre Const. Co. &
S. Birch Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Mt. Tel. 792-1797

I 15-3(26)140 Unit 1 Cont'd.
Contract Let: August 26, 1976
Bid Price: $1,549,787.98

Contract Time: 150 Working Days
June 30, 1978

No report received from Engineer.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover,
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
May 12, 1978

All items are complete with the exception of the seal and cover which will be accomplished next spring.

F 29-1(2)42
Intersection of Main St. & 7th Ave.
& Main St. & 4th Ave. in
Twin Bridges
Traffic Control Devices
0.00 Miles
Madison County
Contract Let: April 28, 1977
Work Started: August 4, 1977

Western Sign Corporation
Great Falls, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 45 Working Days
Probable Completion Date:
December 1, 1977

Work the past period consisted of completing all work except for the four steel poles and lights, which will be installed when they arrive on project. The contractor employed 3 men for 4-8 hour shifts. Project as a whole is 41% complete with 24% of the contract time elapsed. Construction layout as a whole is 100% complete with one Engineer engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal & Cover
10.160 Miles
Beaverhead County
Bid Price: $1,609,681.60
Contract Let: June 29, 1976
Work Started: July 26, 1976

Clark Bros. Contractors
Victor, Montana
Gordon Eckman
Garrison, Mt. Tel. 846-3355
Contract Time: 175 Working Days
Probable Completion Date:
May 12, 1978

All items are complete with the exception of the signs and seal & cover which will be accomplished next spring. The six man engineering crew is helping on project I IG 90-3(27)172 U2.

HES 089-1(001)
Various Intersections U.S. #91
in Dillon
Signing and Flashers
0.00 Miles
Beaverhead County
Contract Let: November 18, 1976
Bid Price: $14,714.84
Work Started: July 20, 1977

S&S Construction
Helena, Montana
Irvin Broell, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 30 Working Days
Probable Completion Date:
November 18, 1977

No work the past period. There is still some minor work remaining on this project.

I IG 90-3(27)172 Unit 1
Garrison East & West (West Section)
The construction of a 590.83' Avg.
length dual composite steel and
concrete girder bridge (Over Burlington
Northern Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,895,384.05
Work Started: July 27, 1977

General Const. Co.
Butte, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 280 Working Days
Probable Completion Date:
Nov. 15, 1978

Structures at Sta. 153+05.70: Driving sheet pile shoring at Bent No. 2 E.B. and excavating Bents No. 2 footings E.B. & W.B. Driving Service Piling Bents No. 2 E.B. & W.B. Stripping and finishing Bent No. 4 crossbeam W.B. Backfilling around Bents No. 5 E.B. & W.B. Finishing Bent No. 5 crossbeam W.B. Forming, placing and tying Reinforcing Steel, and placed concrete in Bent No. 2 footing and pier shaft, W.B., Bent No. 5 crossbeam and bent No. 2 footing E.B.
Structure Approaches: Placement and compaction of excavated borrow material from borrow area right of sta. 154+00 into approach fill areas on west end of structures. Removing and stockpiling topsoil from, and compaction of E.B. approach fill area on east end of structure. Excavating sub drain trench in borrow area. Percentages complete for the items are as follows: Structures Excavation 50%; Reinforcing Steel 14%; Class AD Concrete 41%; Furnish and Drive Steel Bearing Piles 38%; Traffic Control 10%; Cost of Training Program 19%; and Mobilization 25%. Approached Topsoil salvage and Stockpile 70%; Excavation Unclassified Borrow 34%; Haul Borrow 6%; Compaction Roadbed 35%; And Mobilization 25%. The contractor worked fourteen (14) eight (8) hour shifts employing an average of 20 men. The project is 13.8% complete with 31% of the contract time elapsed.

I IG 90-3(27)172 U2 & F 88-1(1)1
Garrison East & West (West Section)
and Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U2
and Widening, Pl. Mix Bit. Surf.,
Signing and Lighting on 0.7 Miles
of Proj. F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Not Started
Washington Constr. Co.
Missoula, Mt.
Bill Bork, Manager
Field Project
Garrison,Mt. Tel. 846-3355
Contract Time: 260 Working Days
Probable Completion Date:
October 12, 1979

Preconstruction Conference is scheduled for Nov. 9, 1977.

I IG 90-3(27)172 Unit 3
Structures on Garrison East
& West (West Section)
Construction of a Dual 692.5' (Avg.)
prestressed concrete girder bridge
(Over B.N.R.R.) and dual
131.5' prestressed concrete girder
bridge (Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Not Started

General Construction Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 250 Working Days
Probable Completion Date:
Sept. 7, 1979

Preconstruction Conference was held Nov. 2, 1977.

I 90-3(34)193 Unit 1
I IG 90-4(26)194 U1 & RS 304(12) Unit 1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Constr. Co.
Missoula, Mt.
John T. McGeever, Manager
Field Project (Road)
Warm Springs, Mt. Tel. 693-2242
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Mt. Tel. 693-2242
Contract Time: 300 Working Days
Probable Completion Date:
November 30, 1977

Road
Work the past period consisted of finishing roadway, hauling topsoil, installing culverts and conducting seeding operations. Project as a whole is 98% complete with 62% of the contract time elapsed. The contractor employed 33 men for 10-8 hour shifts. Construction layout is 96% complete, there is 8 Engineers and 4 Inspectors engaged on project.
Bridges
All work on the structures was completed on Sept. 29, 1977 and an inspection of these structures was made on Oct. 11, 1977.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Matt J. Vranish, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mt. Tel. 846-3344
Contract Time: 240 Working Days
Probable Completion Date:
May 15, 1978

I IG 90-3(39)176 Cont'd.
Road
Work the past period consisted of installing culverts and conducting grading operations. The contractor employed 35 men for 15-8 hour shifts. Project as a whole is 80% complete with 94% of the contract time elapsed. Construction layout as a whole is 98% complete with 10 Engineers and 1 Inspector engaged.
Bridges
Junior Grade Separation at Sta. 386+49.1: No Work.
Beckhill Interchange at Sta. 338+00.00: Placed concrete in Spans No. 1 and No. 2 left curbs. Forming, placing and tying Reinforcing Steel, and placed concrete in Spans No. 1 and No. 2 right curbs and Abutments No. 1 and No. 3 left and right curbs and end posts. All structural concrete is in place for this project. Stripping and finishing Abutments No. 1 and No. 3 backwalls and Spans No. 1 and No. 2 base deck and curbs. Cleaning up area. Percentages complete for the items are as follows: Structure Excavation 94%; Reinforcing Steel 100%; Class AD Concrete 100%; Traffic Control 51%; Mobilization 100%; Structural Steel 97%; All Piling 100%; Protective Coat 15%. The contractor worked fourteen (14) eight (8) hour shifts employing an average of five (5) men on the structures. The Structural section of the project is 94% complete.

I 90-3(40)193 &
I IG 90-4(27)194
Surfacing of Racetrack-North and Warm Springs North & South
Aggregate Surfacing, Plant Mix Surfacing and Signing
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: August 11, 1977
Bid Price: $2,582,114.30
Work Not Started

Hilde Const. Co. Inc.
Great Falls, Montana
John T. McGeever, Manager
Field Project
Warm Springs, Mt. Tel. 693-2242
Contract Time: 180 Working Days
Probable Completion Date:
October 13, 1978

Preconstruction Conference was held October 3, 1977. Work on this project is not expected to commence until next spring.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South and Galen East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: Nov. 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 220 Working Days
Completion Date:
October 14, 1977

Final Inspection and Acceptance August 29, 1977. It is estimated that Final Data will be submitted to Helena on April 28, 1978.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 200 Working Days
Completion Date:
Jan. 14, 1977

Final Data is being checked in Division Office. It is estimated that Final Data will be sent to Helena on January 20, 1978.

RF FF 249(27)
MacDonald Pass East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
4.1 Miles
Lewis & Clark County
Contract Let: Dec. 16, 1976
Bid Price: $2,865,627.44
Work Started: Jan. 24, 1977

Meyer Const. Co.
Billings, Mt.
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
August 31, 1978

Work the past period consisted of conducting grading operations and laying culverts. The contractor employed 35 men for 9-9 hour shifts. Project as a whole is 44% complete with 50% of the contract time elapsed. Construction layout as a whole is 85% complete with 5 Engineers and 2 Inspectors engaged.

HHS 261(15)
Racetrack Overpass
Pl. Mix Bit. Overlay and
Guard Rail Installation
0.00 Miles
Deer Lodge County
Contract Let: Oct. 28, 1976
Bid Price: $138,895.50
Work Started: May 10, 1977

Jim Gilman Excavating Co.
Butte, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 30 Working Days
Completion Date:
June 28, 1977

Final Inspection and Acceptance July 6, 1977. It is estimated that Final Data will be sent to Helena on January 20, 1978.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base
Pl. Mix Bit. Surf., and Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $996,307.40
Work Started: July 7, 1977

Zook Bros. Const. Co.
Great Falls, Montana
George Buckman, Manager
Field Project
Anaconda, Mt. Tel. 563-2321
Contract Time: 120 Working Days
Probable Completion Date:
December 1, 1977

M 0299(3) Cont'd.
Work the past period consisted of installing curb & gutter and conducting paving operations. The contractor employed 35 men for 11-8 hour shifts. Project as a whole is 80% complete with 80% of the contract time elapsed. Construction layout as a whole is 100% complete with 2 Engineers and 6 Inspectors engaged.

BRS 361-1(3)17
Structures & Approaches
West of Twin Bridges
Construction of a prestressed concrete girder bridge and Grading, agg. Surf. and Road Mix Bit. Surf. of the approaches
0.00 Miles
Madison County
Contract Let: Sept. 29, 1977
Bid Price: $557,136.64
Work Not Started

McIntyre Const. Co. and
S. Birch Inc.
Great Falls, Montana
Harold Wiebe, Manager
Field Project
Twin Bridges, Mt. Tel. 684-5714
Contract Time: 140 Working Days
Probable Completion Date:
November 11, 1978

Preconstruction Conference has not been held.

FF 401(3)
Intersection of Montana Ave.
and Billings Ave. in Helena
Signalization
0.00 Miles
Lewis & Clark County
Contract Let: August 26, 1976
Bid Price: $27,859.23
Work Started: October 7, 1976

S&S Construction
Helena,Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 45 Working Days
Completion Date:
August 2, 1977

Final Inspection and Acceptance August 19, 1977. It is estimated that Final Data will be sent to Helena on February 17, 1978.

SMP 0499-77 (State Optioned)
Maintenance Crushing
Broadwater, Beaverhead and
Gallatin Counties
Contract Let: February 24, 1977
Bid Price: $119,000.00
Work Started: March 23, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Russell R. Yarnall, Materials
Supervisor III
Butte, Mt. Tel. 494-3666
Contract Time: 65 Working Days
Probable Completion Date:
November 18, 1977

Work the past period consisted of seeding the Broadwater County Pit. Only the reclamation fo the Beaverhead County Pit remains. The contractor employed 2 men for 1-8 hour shifts. Project as a whole is 99% complete wtih 33% of the contract time elapsed. There is one State Inspector on this project.

M 1803(2)
Harrison Ave. and Amherst St.-Butte
Signal Modification, Signing and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 28, 1976
Bid Price: $30,854.50
Work Started: October 12, 1976

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
Nov. 30, 1977

This project is now complete with the exception of Opticom Components that are presently on order from the factory.

M 1803(4)
Harrison Ave.-Butte
Pl. Mix Bit. Overlay, Curbs, Traffic Signals, Signing, Sidewalks and Beautification
0.3 Miles
Silver Bow County
Contract Let: May 26, 1977
Bid Price: $320,447.19
Work Started: July 19, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 90 Working Days
Probable Completion Date:
May 30, 1978

Work the past period consisted of conducting various construction activities. The contractor employed 23 men for 9-8 hour shifts. Project as a whole is 88% complete with 91% of the contract time elapsed. Construction layout as a whole is 95% complete with 1 Engineer and 4 Inspectors engaged.

M 1804(2)
West Park St.-Butte
Butte-Brown's Gulch Road
Grading, Agg. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Signing, Lighting & Traffic Signals
0.5 Miles
Silver Bow County
Contract Let: January 27, 1977
Bid Price: $525,301.20
Work Started: March 15, 1977

Jim Gilman Excavating Inc.
Butte, Montana
Joseph Bettle, Manager
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 130 Working Days
Probable Completion Date:
November 30, 1977

Work the past period consisted of conducting various construction activities. The contractor employed 15 men for 7-8 hour shifts. Project as a whole is 94% complete with 87% of the contract time elapsed. Construction layout as a whole is 100% complete with 4 Engineers and 3 Inspectors engaged.

ROS 4144(52) Unit 6
Bridge End Protection-Bridge over Missouri Near Townsend
Bridge End Guardrail and Impact Attenuator
0.4 Miles
Broadwater County

Western Sign Corporation
Great Falls, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days

ROS 4144(52) Unit 6 Cont'd.
Contract Let: June 23, 1977
Bid Price: $37,164.00
Work Started: Oct. 4, 1977

Probable Completion Date:
November 11, 1977

Work the past period consisted of working on impact attenuator. The contractor employed 10 men for 6-8 hour shifts. Project as a whole is 98% complete with 20% of the contract time elapsed. Construction layout as a whole is 100% complete with 3 Engineers and 2 Inspectors engaged.

ROS 4144(52) Unit 11
Bridge End Protection - Bridge over
Missouri River & B.N.R.R.
Overpass Near Toston
Bridge End Guard Rail and
Shoulder Widening
0.596 Miles
Broadwater County
Contract Let: April 28, 1977
Bid Price: $63,630.40
Work Started: June 14, 1977

Western Sign Corporation
Great Falls, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Completion Date:
July 28, 1977

Final Inspection and Acceptance August 19, 1977. It is estimated that Final Data will be submitted to Helena on February 17, 1978.

M 5805(1)
Signal Modification of various
Intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Started: April 29, 1977

Skinner Enterprises
Helena, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 30 Working Days
Completion Date:
July 22, 1977

Final Inspection and Acceptance June 30, 1977. It is estimated that Final Data will be sent to Helena on February 10, 1978.

M 5816(3)
Broadway - Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks and related items
0.9 Miles
Lewis & Clark County
Contract Let: August 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Const. Co. Inc.
Butte, Montana
Gerald S. Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 110 Working Days
Probable Completion Date:
August 1, 1978

M 5816(3) Cont'd.

Work the past period consisted of conducting various construction activities. The contractor employed 12 men for 17-8 hour shifts. Project as a whole is 25% complete with 31% of the contract time elapsed. Construction layout as a whole is 60% complete with 2 Engineers and 3 Inspectors engaged.

Richard B. Dundas, P.E. Supervisor
Division Construction Section-Butte

RBD/GBH/MJJ/cu

Box 1110
Bozeman, Montana 59715

November 4, 1977

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two-week period ending November 4, 1977. Weather the past two weeks has been mostly cloudy with rain or snow showers. Temperatures have ranged from 28 to 72 degrees.

PRECONSTRUCTION

I-000B(2) & F 000B(1)
Revegetation & Erosion Control Design
Completed August 18, 1977 (Boz. Div.)

L. O. Williams, Designer II
Phone: 586-9562 Bozeman

The field design for the Bozeman Division portion of these projects have been completed and they are presently scheduled to go to contract on January 19, 1978.

F 11-1(1) 54
Park Street - Livingston
Length - 1.6 Miles

George A. Sitton, FPM
Phone: 222-1965 Livingston

All requested field work has been completed.

F 13-1(3) 24
8 Mi. South of Cameron - South
Length - 10 Miles

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

F 13-1(4) 56
Norris Hill
Length - 9.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: April 1978

There has been no work on this location survey since April 25, 1977, and the location survey remains approximately 43% complete.

F 29-1(5) 16 — Engineer Unassigned
Virginia City Hill
Length - 0.9 Mile

All information requested from the field has been transmitted to Helena. The project is currently scheduled to be let in May 1978.

FH 42-3(2) — Roger E. Blossom, PE, FPM
Slide Near Karst-Gallatin Canyon — Phone: 995-4521 Big Sky

All information requested from the field has been transmitted to Helena.

HHS 50-2(3) 81 — William F. Nimmons, FPM
Int. of FAP 50, 84 & 85 — Phone: 586-5074 Bozeman

Location of property corners is 100% complete. Topography is 80% complete and the Milar is 75% complete. Work remaining on this survey consists of cross-sectioning, utility research, profile and general recommendations. At the present time this survey is 40% complete.

F 50-2(4) 79 — Engineer Unassigned
Bozeman - West
Approximate Length - 9 Miles

The location survey has not been started.

ROS 50-2(5) 56 — Roger E. Blossom, PE, FPM
US 191 Gallatin Canyon Safety — Phone: 995-4521 Big Sky
Partial Survey for Safety Upgrade

This project is currently scheduled to be let on December 15, 1977.

F 59-1(2) 7 — Engineer Unassigned
Clyde Park - North & South
Length - 6.7 Miles

A plan-in-hand meeting is to be held on November 8, 1977.

F 59-1(3) 14 — Engineer Unassigned
Clyde Park - North
Length - 6.2 Miles

All information requested from the field has been transmitted to Helena.

F 64-1(2) 0 — Roger E. Blossom, PE, FPM
US 191 Spur — Phone: 995-4521 Big Sky
Approximate Length - 6.7 Miles — Estimated Completion Date: Nov. 15, 1977

A six man survey crew has been picking up the additional information requested by the plan-in-hand report.

HHS 86-1(2) 1
Int. of FAP 86 & FAS 536

William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Estimated Completion Date: Dec. 30, 1977

There was no work on this project during the past two weeks and the location survey remains 80% complete.

F 86-1(3) 23
Park Co. Line - South
Length - 8.1 Miles

Engineer Unassigned

A plan-in-hand inspection is to be held in the near future.

F 86-1(4) 18
8 Miles South of Park Co. Line-South
Length - 6.0 Miles

Engineer Unassigned

All requested information has been submitted to Helena.

F 86-1(5) 3
Bridger Canyon
Length - 1.8 Miles

Engineer Unassigned

All information requested from the field to date has been submitted to Helena.

IR 90-6( )
Rocky Canyon (PMS Overlay)
Length - 5.3 Miles

Engineer Unassigned

No information has been requested from the field.

I 90-6( ) 315
Bozeman Pass - West, Rest Area

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(17) 350
Springdale - Big Timber
Length - 13.477 Miles

Engineer Unassigned

All work requested from the field has been completed and transmitted to Helena.

I 90-7(21) 339
Springdale - West
Length - 9.2 Miles

Engineer Unassigned

All requested work has been completed.

I 90-7(35) 364 U-2
Big Timber - Greycliff
Length - 10.5 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested field work has been completed.

I 90-7(36) 321 U-2
Bozeman Pass - East
Rest Area & Sand House

Engineer Unassigned

No information has been requested from the field to date.

I 90-7(40) 332
Snow Fence
Approx. Length - 5.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-7(41) 375
Greycliff-East
Access Road (Prairie Dog Town)
Length - 0.440 Mile

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

All requested work has been completed.

F 91-1(1) 0
Big Timber - E & W
Signs, Traffic Control Devices

Engineer Unassigned

A plan-in-hand inspection was held on August 2, 1977.

HHS 205-1(1) 28
North of Bozeman
Guardrail - B.N. Overpass

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

There was no work on this survey during the past period, and it remains 40% complete.

RS 290-1(1) 8
9 Mi. North of Belgrade - North
Length - 8.0 Miles

William F. Nimmons, FPM
Phone: 586-5074 Bozeman

All the field work is now complete and signing recommendations will be submitted to the Division Office within the next two weeks.

S 487-1(1) 0
Big Timber-North & East
Approx. Length - 9.0 Miles
Design Started: 6-13-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion: 1979

One man has been working on proposed plan projection and tracing the hard-shell onto the plan and profile limits. Design on this project is 3% complete.

RS 563-1(1) 0
Springdale - Hunter's Hot Springs
Length - 2.0 Miles
Design Started: 5-2-77

Larry O. Williams, Designer II
Phone: 586-9562 Bozeman
Estimated Completion: 1978

One man spent one day placing a line projection on the plan and profile limits. The design of this project is now 23% complete.

M 1201(1)
North 19th - Bozeman
Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman is to hold a public hearing on August 15, 1977, before submitting their recommendations to the Highway Commission during the November 30th meeting.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: 7-26-76

Engineer Unassigned

All information requested to date has been transmitted to Helena.

M 1212(1)
Kagy Lane - Bozeman
Design
Approx. Length - 1.1 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, MT

The City of Bozeman is going to have their own public hearing on November 15, 1977, before submitting their recommendations to the Highway Commission during their November 30th meeting.

M 7403(1)
5th St., Park to Front - Livingston
Design
Approx. Length - 0.1 Mile

Morrison-Maierle, Inc.

The preliminary plans have been submitted to Helena and the plan-in-hand date is to be set by the Department of Highways.

M 7404(1)
Front St., from Main to Cemetery-Livingston
Design
Approx. Length - 0.9 Mile

Morrison-Maierle, Inc.

The right-of-way plans have been completed and submitted to Helena and the preliminary road plans are complete to the final checking stage and will be submitted to Helena in the near future.

M 7406(1) Morrison-Maierle, Inc.
Main, Chinook & Gallatin-Livingston
Design
Approx. Length - 1.3 Mile

The field survey is now 92% complete and preliminary plans are 10% complete. The design as a whole is now approximately 14% complete.

M 7412(1) Morrison-Maierle, Inc.
Ninth St., Geyser St. to Bridge End-Livingston
Design
Approximate Length - 0.3 Mile

The preliminary plans have been submitted to Helena and the date for the preliminary plan-in-hand is set by the Highway Department.

M 7412(2) Morrison-Maierle, Inc.
River Drive, from Ninth St. East - Livingston
Design
Approximate Length - 0.2 Mile

The plans have been completed and transmitted to Helena and the date for the plan-in-hand is to be set by the Highway Department.

CONSTRUCTION

F 45-1(1) 15
Big Timber-North
Length - 11.5 Miles
Plant Mix Overlay
Contract Awarded: October 1, 1977
Contract Amount: $645,048.05
Proceed Order Date: October 24, 1977
Work Started:

Roger E. Blossom, FPM
Phone: 995-4521 Big Sky
Contract Time: 90 Working Days
Probable Completion Date:

No word has been received from the contractor regarding a preconstruction conference.

F 50-2(1) 88
Signals
Intersection of Main & 5th - Bozeman
Contract Awarded: 7-29-77
Contract Amount: $30,236.00
Proceed Order Date: 8-19-77
Work Not Started

Midland Electric Co.
Billings, MT
William F. Nimmons, FPM
Phone: 586-5074 Bozeman
Contract Time: 40 Working Days
Probable Completion Date: ?

Weather permitting, the contractor plans to begin installation of the traffic signal in late November. No time has been charged to date and the contractor has 40 working days of contract time remaining.

F 64-1(1) 0 US 191 Big Sky Spur
Gravel Surf., Plant Mix Surf.
Length - 3.0 Miles
Contract Amount: $383,968.57
Proceed Order Date: 5-23-77
Contract Awarded: 5-2-77
Work Started: 6-16-77

Zook Brothers Construction Co.
Great Falls, MT
Roger E. Blossom, PE, FPM
Contract Time: 60 Working Days
Completion Date: 10-13-77

The final estimate & supporting data was turned into the Division Office on October 27, 1977. Checking of the final estimate is now in progress.

I 90-6(30) 309, I 90-6(36) 315 U-2
I 90-7(38) 318
Rocky Canyon Safety, Bozeman Pass-West and Bozeman Pass-East (West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures
Length - 7.1 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845, 688.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: 1978

Progress has been slow, with the contractor employing 23 men and working eight hour shifts. Bozeman Sand and Gravel has been hauling and placing 1½" aggregate between Stations 161+00 to 200+00 on the EB lane, 0+00 to 43+00 on the WB, and 440+00 to 470+70 on the safety project. 1300 ton of this material was placed during the past period, bringing this item to 28% complete. 8000 tons of 3" base course was placed on the WB lane between Station 0+00 to 43+00. The 3" base course is now 35% complete. Baltrusch Construction Company paved between Stations 440+00 to 470+00 on the safety project and 159+00 to 200+00 on the EB lane. 13000 tons of plant mix base was placed, bringing this item to 21% complete. A 22 man engineering crew is currently assigned to this project, which is 60% complete, with 64% of the contract time elapsed. The contractor has 110 working days of contract time remaining.

I 90-7(35) 364 U-1
Big Timber-Greycliff
393.0' Composite Steel and Concrete Girder Br. & App.
Contract Awarded: October 1, 1977
Contract Amount: $481,649.80
Proceed Order Date:
Work Started:

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 170 Working Days
Probable Completion Date:

The Preconstruction Conference is to be held on November 4, 1977.

I 90-7(36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,499.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, MT
George A. Sitton, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 5-15-78

Progress has been good with the contractor employing 6 men. Graveling operations were completed on October 13, paving operations completed on October 14. Guardrail and signing installation was completed on October 26, 1977. Traffic was switched to four lanes on October 24th and cleanup is now in progress. A 12 man engineering crew is assigned to this project which is 97% complete with 92% of the contract time elapsed. The contractor has 23 working days of contract time remaining.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section - Bozeman

RCH:EJR:bc
cc: Bozeman Division Office
Bozeman Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
NOVEMBER 7, 1977

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report covering work accomplished in Division 3130 during the period October 17, 1977 thru November 7, 1977.

GENERAL

Weather has been clear to overcast with temperatures ranging from 20° to 50° with cold temperatures causing some temporary work stoppage.

PRE-CONSTRUCTION

RF 25 (2) - Great Falls, Airport Access Road
Length: 0.7 miles - Cascade County
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1977

No work during this reporting period. Design remains 46% complete.

F 60-2 (03) - Great Falls East
F 64 (15)
Length: 9.537 miles
Design Started: Sept. 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: June 30, 1978

Two men worked 26 man-days Plotting Ground Line and Templating Cross Sections. Design is 26% complete.

RS 220-1 (2) - Farmington - North
Length: 8.5 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 30, 1977

One man worked 9 man-days Preparing Summary Sheets and Designing Irrigation Facilities. Design is 70% complete.

RS 220-1 (2) - Agawam - North
Length: 3.6 miles
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 30, 1977

One man worked 6 days Preparing Final Design. Design remains 66% complete.

Department of Highways

November 7, 1977

RF 3-2 (05)
RF 236 (8) - Dupuyer No. & So.
Teton & Pondera Counties
Location Survey
Length: 20± miles
Survey Started: Feb. 16, 1977

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date: December 1977

A 5 man survey crew is setting control points, establishing centerline and ran bench levels. Survey is 29% complete with 468 man-days used to date.

RF 9-1 (01)
RF 238 (13) - Bowmans Corner - Augusta
Location Survey
Length: 14.8 miles
Survey Started: December 27, 1976

David Kelly - Civil Engineer I
Great Falls - Phone #452-2361
Prob. Comp. Date: Nov. 30, 1977

10 man-days were used during this reporting period Plotting Profiles. Survey is 96% complete with 747 man-days used to date.

RS 228-2(03)
RS 348 (18) - 5 miles South of Fort Benton-So.
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573

Chouteau County Commissioners have removed this project from priority. Furtner work is in a hold pattern.

I 315 - Slip Ramps 10th Ave. South & 14th S.W. - Great Falls
Location Survey
Length: .04 miles
Survey Authorized: Sept. 29, 1977
Survey Started: October 21, 1977

Glen Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Date Comp.: Nov. 18, 1977

A 5 man crew used 35 man-days Establishing Centerline, Taking Topog. and Plotting hardshell. Survey is 48% complete with 35 man-days used to date.

BRS 330-1 (2) - Missouri River Bridge - Ulm
Cascade County
Location Survey
Length: 0.614 miles
Survey Started: July 7, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 15, 1977

No progress during this reporting period. Survey remains 55% complete with 82 man-days used to date. Assigned crew engaged in other assignments.

Department of Highways

November 7, 1977

M 5201 (2) - 6th Street N.W.
Great Falls - Cascade County
Location Survey
Length: 0.581 miles
Survey Started: May 24, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 15, 1977

Survey remains 80% complete with 185 man-days used to date. No progress during this reporting period. Assigned crew engaged in other projects.

M 5203 (1) - 3rd St. To Central Ave. West
Great Falls - Cascade County
Location Survey
Length: 0.5 miles
Survey Started: April 11, 1977

Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 15, 1977

No progress during this reporting period. Survey remains 89% complete with 133 man-days used to date. Assigned crew engaged in other projects.

RS 534 (1) - Signing Upgrade on
Graveled Secondaries
Pondera County
Location Survey
Length: 26.7 miles
Survey Started:

Tom Hammerbacker - Mgr. F.P.U.
Conrad - Phone #278-5412
Prob. Comp. Date:

No progress this reporting period. Assigned crew engaged in other assignments.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices & Guard Rail Revisions
Jefferson & Lewis & Clark Counties
Contract Awarded: June 30, 1976
FHWA Concurrence: July 1, 1976
Contract Amount: $1,048,319.90

Apex Construction Company, Contractor
P. O. Box 11306
Spokane, Washington 99211
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: October 21, 1977

Seeding was completed October 21, 1977. All items now are 100%. Three man engineering crew engaged in compiling final estimate and other assignments.

I 15-5(64) 238 U-1 - Hardy Creek Ramps
I 15-5(50) 239 U-1 - Cascade N.&S.(N.Sect.)
Cascade County
Add 2 Lanes
Length: 2.9 miles
Contract Awarded: Feb. 28, 1977
Contract Amount: $459,725.41
FHWA Concurrence: Feb. 28, 1977

Hilde Construction Company, Contractor
P. O. Box 2287
Great Falls, Montana 59403
D. D. Moore - Mgr. F.P.U.
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 100 Working Days
Comp. Date: October 19, 1977

Department of Highways November 7, 1977

Seeding was completed October 19, 1977. All items now are 100%. Engineering crew compiling final estimate and other assignments. Final Estimate and Supporting Data to Division office on or about January 31, 1978.

I 15-5(50) 239 U-2
Cascade North & South
1 Structure & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: January 27, 1977
FHWA Concurrence: January 31, 1977
Work Strated: February 24, 1977
Amount of Contract: $188,651.79

Cop Construction Company, Contractor
P. O. Box 1938
Billings, Montana 59103
K. Minehan - Mgr. F.P.U. (Structure)
D. D. Moore - Mgr. F.P.U. (Approaches)
Harry Strong - Mgr. F.P.U. (Approaches)
Cascade - Phone #468-2801
Comp. Time: 110 Working Days
Comp. Date: Sept. 21, 1977

This project was completed September 21, 1977. Engineering crew is compiling the Final Estimate and other assignments.

I 15-5(50) 239 U-3
Cascade North & South
3 Structures & Approaches on Add 2 Lanes
Cascade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $741,639.13
Work Started: August 19, 1976

Cop Construction Company, Contractor
P. O. Box 1938
Billings, Montana 59103
K. Minehan - Mgr. F.P.U. (Structures)
D. D. Moore - Mgr. F.P.U. (Approaches)
Harry Strong - Mgr. F.P.U. (APPROACHES)
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: October 17, 1977

Structures - The structures as a whole are 100% complete with 93% of the contract time elapsed. A one man engineering crew is compiling Final Estimate and Supporting Data.
Approaches - Seeding was completed October 17, 1977. All items are now 100%. Engineering crew compiling final estimate and other assignments. Final Estimate and Supporting Data to Division office on or about January 31, 1978.

I 15-5(50) 239 U-4
Cascade North & South (South Section)
2 Structures & Add 2 Lanes
Cascade County
Length: 11.4 miles
Contract Awarded: August 15, 1977
FHWA Concurrence: August 15, 1977
Amount of Contract: $2,662,646.97
Work Started: August 29, 1977

Rehbein Contracting Inc., Contractor
P. O. Box 339
Plains, Montana 59859
K. Minehan - Mgr. F.P.U. (Structures)
D. D. Moore - Mgr. F.P.U. (Roadway)
Harry Strong - Mgr. F.P.U. (Roadway)
Cascade - Phone #468-2801
Comp. Time: 160 Working Days
Prob. Comp. Date: November 15, 1978

Roadway: Progress has been good. Contractor is excavating and placing same, Sta. 2000 to 182 and 1850 to 1920. Also finishing to bluetops, removing fence and installing R.C.P. Culverts. Working 1-8 and 1-9 hour shifts per day, 5 days per week. Items and percent complete are: Uncl. Exc., 38% and R.C.P. Culverts, 39%. The roadway is 27% complete with 23% of the contract time elapsed. Construction layout is 90% complete with a 14 man engineering crew engaged in layout, inspection and testing. P.T.W. in good condition. Temporary detour Sta. 2119 to 2129 in use 11-1-77 through 11-4-77 with flagmen being used and traffic having no difficulty.

Structures - Progress has been fair. Structure 1775 - footings and columns in place. Forming Bent 2 cap and backfill in progress. Structure 2014 - Bents 2 and 3 are in place. Bents 1 and 4 prebored with test piles driven. The structures are 10% complete, layout is 60% complete with a 2 man engineering crew engaged in layout, inspection and testing.

BRF - TQX 218 (18)
Repair Fire Damage (10-14-75)
S.B. Bridge - Sun River - Great Falls
CAscade County
Contract Awarded: July 30, 1976
FHWA Concurrence: July 30, 1976
Amount of Contract: $329,654.68
Work Started: August 20, 1976

Frontier Construction Company, Contractor
P. O. Box 8242
Missoula, Montana 59801
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 130 Working Days
Comp. Date: August 10, 1977

This project was completed August 10, 1977, Final and Supporting Data was submitted to the Helena office October 24, 1977.

I 15-6(20) 304 - Teton River - N.& S.(S.Sect.)
4.3 miles - Grading, Surfacing & Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started: April 1, 1976

Hilde & Maronick Const. Co.,(JV) Contr.
East Helena, Montana
S. Newton - Mgr. F.P.U. (Road)
K. Minehan - Mgr. F.P.U. (Structures)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: November 4, 1977

Roadway: Contractor removing paint stripes and seeding. The project as a whole is 99% complete with 61% of the contract time elapsed. Construction layout is 99% complete.
Structures: Final Estimate and Supporting Data was submitted to Division office on September 1, 1977.

I 15-6(21) 304 - Teton River - N.& S.(S.Sect.)
Dual Rest Area, Lighting & Related Items
Teton County
Contract Awarded: April 5, 1977
Contract Amount: $323,589.40

Sletten Construction Company, Contractor
Great Falls, Montana
S. Newton - Mgr. F.P.U.
Brady - Phone #753-2581
Comp. Time: 175 Working Days
Prob. Comp. Date: June 30, 1978

Progress has been good. North and South Bound Stations are 90% complete. Work continues on plumbing, electrical and landscaping on both Stations. Some delay has been experienced due to non-arrival of plumbing and electrical materials. The project as a whole is 90% complete with 61% of the contract time elapsed. Construction layout is 90% complete with a 3 man engineering crew engaged in layout, inspection, testing and other assignments.

I 15-6(16) 308 - Teton River - N.& S.(N.Sect.) Hilde & Maronick Construction Co.(JV)
2.8 miles - Gr.; Aggr. Surf.; Pl. Mix Bit.Base East Helena, Montana
Pl. Mix Bit. Surf.; Signing; S. Newton - Mgr. F.P.U. (Roadway)
Prestressed Conc. Grider Gr. Separation K. Minehan - Mgr. F.P.U. (Structure)
Teton County Brady - Phone #753-2581
Contract Awarded: July 28, 1975 Comp. Time: 180 Working Days
Contract Amount: $2,070,763.97 Comp. Date: October 31, 1977
Work Started: September 9, 1975

Contractor completed removing paint stripes and seeding October 31, 1977. All items 100% with 99% of the contract time used.

I 15-7(18) 330 McIntyre Const. Co. & S. Birch Inc.
E. Frtg. Road - Valier Jct. No. & So. Great Falls, Montana
Pondera County Tom Hammerbacker - Mgr. F.P.U.
13.84 miles, Grading, Agg. Surf., Conrad - Phone #278-5412
Pl. Mix Bit Base, Seal and Cover Comp. Time: 140 Working Days
Contract Awarded: Nov. 3, 1976 Comp. Date: October 28, 1977
Contract Amount: $1,219,920.50

Contractor completed seeding October 28, 1977. All items now 100% complete with 71% of the contract time used. Engineering crew compiling Final Estimate and other assignments.

BRF 9-2 (3) 63 Frontier West, Inc., Contractor
Teton River Bridge - South of Choteau P. O. Box 8242
Teton County Missoula, Montana 59801
Contract Awarded: August 15, 1977 Don Harrison - Mgr. F.P.U.
Amount of Contract: $447,638.98 Choteau - Phone
Comp. Time: 130 Working Days
Prob. Comp. Date: August 15, 1978

Progress has been fair. Prime contractor constructing detour bridge. Sub-contractors completed dirt work on detour road October 17, 1977. Gravel to detour road completed November 2, 1977 with road mix to follow immediately. Items and percent complete are: Detour Bridge, 80%; Exc. Uncl. Borrow, 80%; Gravel Surf., 35% and Fencing, 50%. The project as a whole is 18% complete with 29% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in layout, inspection, testing and other assignments.

F 80-1 (1) 5 Meyer Construction Company, Contractor
Fort Benton South - Geraldine-Fort Benton P. O. Box 1417, Billings, Montana 59103
Chouteau County Glen Enderson - Mgr. F.P.U.
9.5 miles - Pl. Mix Overlay Great Falls - Phone #453-2573
Contract Awarded: Oct. 1, 1977 Comp. Time: 90 Working Days
Contract Amount: $523,710.83 Prob. Comp. Date: June 1978

To date the preconstruction conference has not been set.

Department of Highways

November 7, 1977

HHS 24-4 (2) 127
Mt. 200 at Int. Mt. 21 and U.S.89
Intersection Improvements
Cascade County
Contract Let: October 27, 1977
Contract Awarded:
Contract Amount: $148,488.00

Kraus Construction Company, Contractor
P. O. Box 923, Great Falls, Mont. 59403
Walt Smith - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time:
Prob. Comp. Date:

TQS 228-1 (3) 0
Great Falls - Highwood
Cascade County
13.7 miles, Pl. Mix Overlay & Seal & Cover
Contract Awarded: July 29, 1977
Contract Amount: $1,087,497.70

Hilde Construction Company, Contractor
P. O. Box 2287, Great Falls, Montana
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 140 Working Days
Prob. Comp. Date: August 15, 1978

Progress has been good. Contractor crushing and stockpiling 1½" Base Material, removing Uncl. Exc. from Sta. 707 to 719 and 540 to 577. Also sub-cutting from Sta. 252 to 510 and using 1½" Base Material as backfill throughout. Installation of new 180" X 210' SSPP Culvert began November 1, 1977. Subcontractor working on structure revisions Sta. 539+65. Items and percent complete are: Exc. Uncl., 10%; Exc. Subcut, 78%; Base 1½" Gr.5, 11% and Revise Structure, 11%. The project as a whole is 22% complete with 24% of the contract time elapsed. Cosntruction layout is 90% complete with a 7 man engineering crew engaged in layout, inspection and testing. Detour in effect to all but local residents.

RS 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Graveling & Surfacing
Contract Amount: $877,194.60
Contract Awarded: June 30, 1976

Hilde Construction Company, Contractor
P. O. Box 2287, Great Falls, Mont.59403
Tom Hammerbacker - Mgr. F.P.U.
P. O. Box 1301, Conrad, Montana
Comp. Time: 110 Working Days
Comp. Date: July 8, 1977

Project is now 100% complete with 93% of the contract time elapsed. Engineering crew compiling Final Data and other assigned projects.

M 5201 (5) U-2
Structure on 6th St. S.W. - Great Falls
Cascade County
Contract Awarded: May 31, 1977
Amount of Contract: $2,008,232.79

Sletten Construction Company, Contractor
P. O. Box 2467
Great Falls, Montana 59403
T. Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 300 Working Days
Prob. Comp. Date: August 30, 1978

Department of Highways November 7, 1977

Progress has been fair. Contractor employing 19-25 men on 2-8 hour shifts, 5 days per week driving piling, forming, tying resteel, placing concrete and removing cofferdam struts and frames on Bents 1 and 4. Items and percent complete are: Shoring & Cribs, 30%; St. Exc., 41%; Furn. & Drive Un.T. Pile, 40%; AD Conc., 17% and re. Steel, 9%. The project as a whole is 14% complete with 30% of the contract time elapsed. Construction layout is 50% complete with a 3 man engineering crew engaged in layout, inspection and testing.

M 5217 (2)
Traffic Control Devices
10th Ave. So. at 25th and 26th St. - Gt. Falls
Cascade County
Contract Awarded: June 27, 1977
Amount of Contract: $60,924.25

Cascade Electric Company, Contractor
903 10th Ave. North, Great Falls, Mt.
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: June 15, 1978

Notice to proceed dated July 18, 1977. Project suspended until arrival of signal poles. Contractor anticipates least delay to traffic by delaying start of work until just prior to arrival of signal poles. Because of the lateness of construction season installation of plastic pavement markings will be delayed until Spring of 1978. All submittals on Electric Material approved. The project as a whole is 0% complete with 0% of the contract time elapsed. Construction layout is 90% complete with a 7 man engineering crew engaged in other assignments.

SMP 5099-77
Maintenance
Cascade, Chouteau, Lewis & Clark
and Teton Counties
Contract Awarded: Feb. 28, 1977
Contract Amount: $195,450.00

Mortensen Construction Company, Contractor
P. O. Box 1626
Great Falls, Montana 59403
Glen Enderson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 100 Working Days
Comp. Date: October 19, 1977

Seeding and temporary fencing completed October 19, 1977. All items now 100% complete. One man compiling final quantities.

James T. Sullivan - P.E. - Supvr.
Division Construction Section

JTS/NM/ac
CC: File

Progress Report

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

November 4, 1977

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending November 4, 1977.

G E N E R A L

The weather this past reporting period has been generally favorable with some rain and snow showers. The temperatures ranged from 20° to 60°.

P R E C O N S T R U C T I O N

M 5709 (1) - 13th St. to 5th Ave. - Havre
Hospital Access Street
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

A four man engineering crew worked 7 mandays for a total of 27 mandays to date. Centerline, referencing, levels and cross sections are 100% complete. Topoging items are 40% complete and the utility location survey is 50% complete. Preliminary engineering as a whole is 50% complete.

HHS 58-1 (1) 30 - St. Mary-Babb
Fencing Survey

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (1) 79 - Big Sandy-North
10.1 miles, Chouteau County
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F 10-2 (3) 51 - Loma-North & South
3.5 miles, Chouteau County

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

A four man engineering crew began work on Tuesday 10/18/77 with 15 mandays used to date. Establishing elevations at target points and designated elevation sites is 95% complete. The triangleation work has not started. The preliminary engineering as a whole is 40% complete.

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 man days used to date.

RS 133 (2) - Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 40% complete.

RS 357 (12) - Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022

No work on this project. Centerline and bench levels are 100% complete, topography is 91% complete, check levels are 90% complete and cross-sections are 80% complete. A total of 233½ mandays have been worked to date and the survey is 57% complete.

RS 459 (1) - Sunburst-East
10.0 miles, Toole County
Preliminary Engineering

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work on this project during this reporting period. The survey was suspended on March 7, 1975. The assigned engineering crew is working on other projects.

C O N S T R U C T I O N

HHS - 1-3 (1) 223- Browning East-West Road
0.5 miles, Glacier County
Slope flattening & Guard Rail
(Safety Correction)
Contract let: September 29, 1977
Contract Amount: $128,316.89
Work not started.

Evensen, Inc.
Choteau, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 45 working days
Probable Completion Date: 6/30/78

The preconstruction conference for this project was held on October 25, 1977 at the D.O.H. field office in East Glacier, Mt. A 5 man engineering crew has been running R/W line and slope staking, which is 35% complete. Some culvert has been delivered for project and the contractor has been moving in some equipment this week.

RS 12 (19) - Harlem-Turner
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: June 10, 1976
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert
Miles City, Montana
George Nelson, Field Project Manager
Scobey, Montana
Telephone No. 487-5451
Contract Time: 140 working days
Completion Date: 10/21/77

The subcontractor, Kimmel and Reed, went back to work on 10/17/77 preparing pit area seedbed

RS 12 (19) - Harlem-Turner (Continued)
Canadian Line

for seeding. Seeding and fertilizing pit area was completed on 10/21/77 making this project 100% complete. Checking final quantities and notes in the Division office is 85% complete. Estimated submittal of final estimate is 12/1/77.

U-95 (17) Gildford-Havre-East
U.S. 2 - Havre-Hill County
1.3 mi. grade, gravel, pl. mix surf., and stm. sewer
Contract Let: March 1, 1976
Contract Amount: $1,434,327.32
Work Started: April 5, 1976

Baltrusch Construction Co. & Affiliates
Havre, Montana
Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Completion Date: July 26, 1977

No work on the final estimate and notes. Personnel have been working on other projects. The final is approximately 65% complete and the estimated submittal date to the Division office is 12/1/77.

RF 62 (14) & RF 132 (14)
Shelby-Chester, Chester-West
5.36 miles grade, aggr. surf. surf. storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co. & Affiliates
Havre, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 200 working days
Completion Date: 8/1/77

No work on this project. Work on final estimate will continue as time permits. Engineering crew is working on other projects.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass-South, Sunburst-South
Gr. agg. surf., pl. mix bit. base, pl. mix bit. surf., structures, safety correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Mgr.
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77.

Work on this project as a whole was completed on 10/27/77. A one to four man engineering crew has been inspecting contractor's operations and checking field notes on the roadway portion of the project, and 8 mandays were used working on structure notes. Burlington Northern R. R. did not work this period. Their revisions remain 90% complete. Removal of the crossing at the R. R. structure remains to be completed.

I 15-8 (28) 343 Unit 1
Toole County Line - North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $3,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc., and
Maronick Construction Co., Inc. (J.V.)
Great Falls, Montana 59403
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Structures:
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2941
Contract Time: 230 working days
Completion Date: 7/5/77

No work on the final due to working on other projects. The final remains approximately 20% complete.

I 15-8 (28) 343 Unit 2
Toole County Line - North
1- Prestressed conc. girder underpass
and dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 150 working days
Completion Date: 9/2/76

Four mandays used working on the final estimate. Anticipate submitting final estimate and supporting data to Division office 11/14/77.

I 15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 235 working days
Completion Date: 10/30/76

The final estimate and supporting data was submitted to the Division office on 9/19/77. Checking final quantities is complete and a revised semi-final has been submitted. Estimated submittal of final estimate is 11/18/77.

I 15-8 (33) 343
Toole County Line - North
8.314 mi. agg. surf.,
pl. mix bit. surf. & signing
Contract Let: 10/28/76
Contract Amount: $2,176,268.12
Work Started: 5/16/77

Empire Sand & Gravel Construction Co.
Billings, Montana 59103
James A. Dolan, Field Project Manager
Shelby, Montana
Telephone No. 434-2022
Contract Time: 180 working days
Probable Completion Date: 11/15/77

Progress has been good. The contractor worked one 10 hour shift per day with 48 men employed. Produced and placed 10,887 tons of 3" CBS for a total of 340,280 tons to date or 77% complete. Produced and placed 6,775 tons of 1½" CBS for a total of 104,770 tons to date or 63% complete. Produced and placed 17,312 tons of 3/4" CTS for a total of 25,630 tons to date or 43% complete.

I 15-8 (33) 343 (Continued)
Toole County Line - North

Started producing and placing 3/4" Gr. B Plant Mix on October 24, on the south bound lane between Sta. 130+00 and 562+00. 20,454 tons have been produced and placed to date or 32% complete. Completed the installation of the water line to the weigh station with the exception of the tap to the City water main. The project as a whole is 49% complete with 67% of the contract time elapsed. A 15 man engineering crew is inspecting contractor's operations and staking as required.

RF FLH 353 (15)
Two Medicine Bridge - East
5.7 mi. - Glacier County
Grade, aggr. surf., pl. mix base, pl. mix surf., fence & sign
Contract Let: 9/30/76
Contract Amount: $2,476,655.06
Work Started: 4/28/77

Hilde Construction, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811
Contract Time: 170 working days
Probable Completion Date: 11/15/77.

Progress has been good. The contractor worked ten 9 hour shifts with 25 men employed. Moved 43,675 cu. yds. uncl. exc. for a total of 695,000 cu. yds. to date or 100% complete. Hauled and placed 6,708 tons of 1½" CBS for a total of 95,193 tons to date or 88% complete. The project as a whole is 74% complete with 74% of the contract time elapsed. An 8 man engineering crew is engaged in construction inspection and working on other projects.

RS 432-1 (2) 27
Big Sandy-Rudyard
7.3 mi. Chouteau & Hill Counties
Grade, aggr. surf., pl. mix base and signing
Contract Let: 5/26/77
Contract Amount: $935,668.76
Work Started: 7/6/77

Wickens Brothers
Lewistown, Montana
Albert Ullrich, Field Project Manager
Rudyard, Montana
Telephone No. 355-3180
Contract Time: 140 working days
Probable Completion Date: 7/1/78

Progress has been good. The contractor worked twenty-five 9 hour shifts with 24 to 30 men employed. The contractor, double shifting, crushed and placed 30,940 tons of 1½" CBC making this item 58% complete. Crushing and stockpiling ½" cover material, and pl. mix base aggr., is 100% complete. Grading and drainage items are 100% complete. The project as a whole is 62% complete with 56% of contract time elapsed. A 6 man engineering crew is engaged in construction inspection.

TQS 464-1 (2) 19 U-1
Browning-Babb (Duck Lake Road)
Structures & Approaches
0.2 mi. Glacier County
Contract Let: 1/27/77
Contract Amount: $127,436.90
Work Started: 4/26/77

E. F. Matelich Construction Co.
Kalispell, Montana
Albert W. Bonner, Field Project Mgr.
Browning, Montana
Contract Time: 90 working days
Completion Date: 9/7/77

One man has been working on final estimate and notes. The final estimate and supporting data was submitted to the Division office on 11/3/77. Checking final estimate and notes is 75% complete. Estimated submittal date is 12/15/77.

TQS 464-1 (2) 19 U-2
Browning-Babb (Duck Lake Road)
Grade, gravel, and pl. mix base
Contract not let

Hugh Klepzig, Field Project Manager
East Glacier Park, Montana
Telephone No. 226-5811

No work by the utility companies this period.

F-1-6 (2) 382
U.S. 2 - Havre (E. Section)
1.9 miles - Hill County
Grade, gravel surf., pl. mix surf.,
and storm sewer
Contract Let: 5/26/77
Contract Amount: $1,137,961.65
Work Started: 7/20/77

Baltrusch Construction Inc., & Affiliates
Havre, Montana
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 8/30/78

Progress has been poor. The contractor worked twelve 8 hour shifts, with 13 men employed, crushing and stockpiling 1½" C.B.S. The drainage mainline, drop inlets, and related pipe is 100% complete. The drainage structures as a whole are 90% complete to date. The project as a whole is 35% complete with 30% of the contract time elapsed. A two man engineering crew is engaged in construction and gravel crushing inspection.

Respectfully submitted,

Hazen D. Flickinger

Hazen D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
NOVEMBER 3, 1977

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending November 1, 1977.

GENERAL

Progress throughout the Division has been fair. Temperatures ranged from +20 to +70 degrees.

PRECONSTRUCTION

F-20-2(1),SAVAGE-CRANE
Length - 8.0 ± Miles
Survey Started - December 11, 1972

Unassinged
Design Started - August 4, 1975
Est. Comp. Date - May 1, 1978

The Division Soils Department have located 6 possible borrow sources with adequate yardage for the project. Samples have been sent to Helena for corrosion and "R" value analysis. Pit ties, soil classes and proctors are being completed as time permits. Flyline, centerline, bench levels and cross-sections are 100% complete. Plotting Plan and Profile are 99% complete, irrigation and drainage items are 99% complete, and section ties are 99% complete. This survey remains 99% complete with 785 mandays used to date. Design remains 4% complete with 32 mandays used to date.

F-25-1(1)0, CIRCLE- NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977

Unassigned

Control points have been set and project has been flown. Ground control work will be done when a crew is available.

F-42-1(1)0, FLOWING WELLS-NORTH
Length - 19.7 Miles
Survey Authorized - March 16, 1977

G. L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Est. Comp. Date (Design)-Dec. 15, 1977

The soil survey is 100% complete with a total of 34 mandays used to date. Design will begin in the near future.

RS-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

Unassigned

No work done on this project during the past period. The survey as whole is estimated to be 25% complete with 399 mandays used to date.

4370, YELLOWSTONE RIVER BRIDGE AT SIDNEY
Ground Control
Survey Authorized - May 5, 1977

Unassigned

Ground control work has been completed by a crew from Wolf Point. Survey will be submitted to Helena when U.S. C. and G.S.B.M.'s information has been received.

PROGRESS REPORT PRECONSTRUCTION

S-201-2(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 mandays used to date.

RS-252-1(1), CIRCLE NORTHWEST
Length - 10.524 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975

H. D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30, 1978

Work will resume when personnel are available. The Survey as a whole is 58% complete with 482.5 mandays used to date.

RS-253-2(1)36, BROCKWAY-SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

RS-261-1(2), WIBAUX-NORTH
Length - 4.8 Miles
Survey Authorized - December 28, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Design Started - June 9, 1977
Est. Design Comp. Date - Dec. 15, 1977

No work on this project during the past period. Design remains 75% complete with 5½ mandays used to date.

S-323-1(1)47, ALZADA-EKALAKA
Length - 18.4 Miles
Survey Authorized - March 4, 1970

Unassigned

Elevations established on 35 target points for a total to date of 45 points or 69% complete. A total of 176 mandays have been used to date.

S-335-1(1)2, 2ND SECTION, MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date- February 20, 1975
Est. Design Comp. Date - Dec. 28, 1977

No work on this project during the past period. No word has been received from the Hydraulic Department on drainage recommendations. Design remains 60% complete with 122 mandays used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON COUNTY LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
H. D. Kelly, Field Proj. Mgr. - Roadway
C. H. Neiffer, Field Proj. Mgr.- Str.
Glendive, Montana - Phone 365-5296
Contract Time - 260 Working Days
Prob. Comp. Date - June 1, 1978

Progress this past period has been fair. Prime contractor Joe Mayo & Son, Inc. employed from 4 to 8 men on finish work, clean up and reclaiming borrow pits, also placing some topsoil. The grading items are approximately 99% complete. The gravel operations employed from 11 to 19 men for seven 10- hour and three 9- hour shifts producing and placing 12127 tons of 1½" CBC Type "A" Grade 5, 336 tons of 3/4" Type "B" CTS Grade 3 and 1558 tons of 3/4" Type "A" CTS Grade 2. This completed the gravel operations, making these items 100% complete. Plant mix operations employed 19 to 21 men for 12 various length shifts producing and placing 6138 tons of 1½" P.M. base Grade 1 and also 1981 tons of 1" Type III P.M. Surface, 47.30 tons of liquid asphalt MC-250 and 76.60 tons of liquid asphalt MC- 3000, 782 tons of ½" cover material were used for DBL shld. Bit. Surf. treat. This also completed the plant mix and shoulder treatment portions of the contract making all these items 100% complete. Sub-contractor Swan & Son employed from 3 to 8 men for fifteen 8- hour shifts, seeding 24 acres of area # 1 at the Powder River Interchange and approximately 124 acres of area # 1 on the Fallon Project using 1782 lbs. of seed and 8888 lbs. of fertilizer, making these items 42% and 66% complete. Also 13 yds. of Class "DD" concrete was poured for edge protection left end of vehicle underpass Sta. 2190+76, and a portion of the structure on the right end of SSPP ARCH Sta. 2022+26. Sub-contractor Schmoll Construction Co. employed 2 to 3 men for twelve 8- hour shifts, installing guardrail at various locations on the project, the guardrail items are approximately 50% complete. Sub-contractor Steel Structures employed 6 men for three 8- hour shifts and erected 130' of SSPP ARCH at Sta. 2022+26, making this item 100% complete. This completes their work on this project. The project as a whole is 96% complete with 257 working days or 93% of the contract time elapsed. Construction layout is 97% complete with 8 engineers and 7 testers or inspectors employed this past period.

I-94-5(15)183 Unit 3
FALLON - DAWSON COUNTY LINE
Completing Superstructure on Dual Bridges
Contract Awarded - January 27, 1977
Amount of Contract - $1,005,548.41
Work Started - April 21, 1977

Weyher Construction Company
P. O. Box 628, Salt Lake City, UT 84110
A. J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Prob. Comp. Date - June 1, 1978

Progress during the past period has been good. Sixteen 8- hour shifts were worked with 12 to 24 employed. Westbound lane structure; placement of Class BD Concrete was completed for curbs on October 19, 1977 which completed the concrete for project. Erection of steel bridge rail was started on October 19, 1977. All has been erected with some alignment remaining left side. Removal of deck forms in progress and completed on Nov. 19, 1977. Eastbound lane structure; steel bridge rail all erected with some alignment remaining on left side. Painters worked two shifts on application of final field coat, Montana Blue, to girders. Project as a whole is 89% complete with 132 working days used or 84% of the contract time elapsed. Construction layout with two engineers is 95% complete.

CONSTRUCTION

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST AND WEST
Length - 14.1 Miles
Grade-Drain, Agg. Surf., Plant Mix Surf.
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
Dennis C. Tenney, Fld. Proj. Mgr. Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - November 4, 1977

Progress this past period has been poor. Contractor worked two 9-hour shifts employing 4 men, work consisted of clean up in gravel pit. Sub-contractor, Swan & Son, Inc. worked two 8-hour shifts employing 2 men. Work consisted of seeding the gravel pit, the project is 99.9% complete with 233 working days used or 95% of the contract time elapsed. One engineer working part time.

I-94-6(29)226 UNIT 1
GLENDIVE-WIBAUX CO. LINE WEST(EAST SECTION)
Length - 6.339 Miles
Grade and Structures
Contract Awarded - October 1, 1977
Amount of Contract - $1,619,125.62
Work Started- November 22, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
Vic Scheuffele, Eng. Tech. III-Rdwy.
Ken Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time- 160 Working Days
Prob. Comp. Date - December 1, 1977

Progress this past period has been fair. Prime contractor employed 31 men working ten 10-hour shifts, four 9-hour shifts, two 8-hour shifts, hauling & placing 25,868 cu. yds. unclassified excavation and borrow for a total to date of 813,331 or 96% complete. 306 lineal feet of minor drainage items installed for a total to date of 4356 lineal feet or 100% complete; culvert excavation of 620 cu. yds. for a total to date of 5390 cu.yds.or 100% complete. Structure sub-contractor, F. L. Flynn & Co. worked three 8-hour shifts with a total of 3 men employed. Work consisted of cleaning and sanding off bridge rail on East-bound structure at Sta. 1217+50 with plans to paint the latter part of this week, and forming work is in progress for the three concrete drainage chutes planned for this project. This sub-contract remains 99% complete. The project is estimated at 93% complete with 73% of the contract time charged to date with 5 to 11 engineers and testers employed this period.

I-94-6(30)221 UNIT 1
WIBAUX COUNTY LINE-WEST (MIDDLE SECTION)
Length - 4.7 Miles
Grade, Related Items, and Dual Overpass
Contract Awarded - August 15, 1977
Amount of Contract - $1,418,195.30
Work Started - September 6, 1977

McIntyre Const. & S. Birch, Inc.
Box 2167, Great Falls, MT 59403
Bernard F. Kelly, Fld. Proj. Mgr. Rdwy.
K. G. Quale, Fld. Proj. Mgr.-Structures
Glendive, Montana - Phone 365-5296
Contract Time - 150 Working Days
Prob. Comp. Date - September 1, 1978

Progress this past period has been fair. Prime contractor, McIntyre Construction Co. and S. Birch, Inc. employed 27 men working twenty-four 9-hour shifts; hauling and placing 195,100 cu. yds. unclassified excavation for a total to date of 290,000 cu. yds. or 43% complete. 50,000 cu. yds. of unclassified excavation borrow to date or 11% complete. 951.5 lineal feet of minor drainage items installed for a total to date of 2003.5 or 46% complete. Steel structures worked three 8-hour shifts employing 5 men installing 248' of 60" SSPP for a total to date of 248' of major drainage items or 53% complete. The project is 23% complete with 25% of the contract time elapsed. Construction layout with 6 to 11 men employed is estimated at 55% complete.

CONSTRUCTION

F-27-2(1)44, BAKER- NORTH
Length - 10.3 Miles
Plant Mix Overlay
Contract Awarded - June 27, 1977
Amount of Contract - $617,681.20
Work Started - September 16, 1977

Meyer Construction Company
Box 1417, Billings, Montana 59101
Melvin Kegley, Field Project Manager
Baker, Montana - Phone 788-2807
Contract Time - 90 Working Days
Prob. Comp. Date - May 31, 1978

Progress this past period has been poor. Contractor worked 14 double 8-hour shifts and one 4-hour shift this past period employing a total of 26 men, crushing & stockpiling plant mix material and hauling blend sand. On October 31, 1977 contractor began producing and placing 3/4" CTS Type"A" Grade 2, from Sta. 831+00 to 1013+39.9 left shoulder and from Sta. 504+80 to 546+60 and from 1002+50 to 1013+39.9 on the right shoulder for a total to date of 784 ton or 11% complete. Contractor also tacked roadway from Sta. 834+00 to 1013+39.9 left and right lanes using 600 gallons of SS-1 oil making this item 3% complete. The project as a whole is 1% complete with 56 working days used or 62% of the contract time elapsed. Construction layout with 5 to 6 men employed is estimated to be 60% complete.

RF-391(16), LAMBERT-EAST AND WEST
Length - 43.2 Miles
Plant Mix Bitum., Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dak. 58501
James Baldwin, Field Project Manager
Culbertson, Montana 59218
Contract Time- 110 Working Days
Prob. Comp. Date - November 28, 1977

All work on the project is completed with the exception of final pit reclamation which, because of standard specification in regards to seeding date, will not be accomplished until after October 15 and some guardrail work which will be done when the sub-contractor moves to another project in the area. The project as a whole is 99% complete with 96 days or 87% of the contract time elapsed.

RS-128(12),WIBAUX COUNTY LINE - NORTH
Length - 5.772 Miles
Grade, Aggr. Surf., Pl. Mix Base & Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Started- August 2, 1976

Neshem-Peterson, Inc.
Box 68, Berthold, N. Dak. 58718
James Baldwin, Field Project Manager
Culbertson, Montana 59218
Contract Time - 160 Working Days
Prob. Comp. Date - November 18, 1977

All roadway and bridge items are 100% complete as of August 30, 1977. Gravel pit reclamation is the only work remaining on the project and is in the process of being turned over to the landowner. The project as a whole is 100% complete with 170 days or 99% of the contract time elapsed.

RS-302(23), TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf., Pl. Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract- $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310 Cavalier, N. Dak. 58220
B. F. Kelly, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time- 180 Working Days
Comp. Date - September 28, 1977

This project was completed on September 28, 1977 with 175 working days used or 97% of contract time elapsed. No personnel worked on this project this past period. Final estimates remain an estimated 64% complete.

CONSTRUCTION

RS-323-1(2)47, ALZADA-EKALAKA
Length - 3.2 Miles
Grade, Drain, Aggr. Surf., Plant Mix Bitum.
Base, Seal and Cover
Contract Awarded - May 31, 1977
Amount of Contract - $773,245.82
Work Started - July 13, 1977

Earth Builders, Inc.
Box 838, Bismarck, N. Dak. 58501
Dennis C. Tenney, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time- 120 Working Days
Prob. Comp. Date - July 1, 1978

Progress this past period has been good. Contractor worked twenty-seven 9-hour shifts employing 40 men. Work consisted of hauling and compacting 80,558 cu. yds. unclassified excavation or 97% complete, installing 938 lineal feet of CSP culverts or 100% complete, placing 10,700 cu. yds. of top soil or 42% complete. Completed producing & stockpiling plant mix base aggregate on October 19, 1977. Plant mix operations were started on Oct.19, 1977 producing and placing 2614 ton of 1½" plant mix base and using 260 tons SC-3000 liquid asphalt or 25% complete. The project as a whole is 37% complete with 83 working days used or 69% of the contract time elapsed. Construction layout with 5 inspectors or testers & 2 engineers is 59% complete.

RS-394(3), WEBSTER-WEST
Length - 10.036 Miles
Grade, Aggr. Surf., & Prestressed Con. Gir. Bridge
Contract Awarded - November 19, 1976
Amount of Contract - $1,142,475.92
Work Started - April 11, 1977

McIntyre Construction & S. Birch Co.
P. O. Box 2167, Great Falls, MT 59403
Melvin Kegley, Field Project Manager
Baker, Montana - Phone 788-2807
Contract Time - 150 Working Days
Prob. Comp. Date - December 15, 1977

Progress this past period has been poor. Contractor moved back onto project on Oct. 14, 1977 with 9 men working ten 8-hour shifts setting up crusher and preparing sub-grade surface for gravel placement. On October 27, 1977 contractor with 13 men employed began producing & placing 1" CTS Type "B" Grade 2 from Sta. 430+00 to 544+90.9, working 4 shifts of nine hours each. Contractor has placed 9,739 ton to date making this item 13% complete. The project as a whole is 68% complete with 121 working days used or 75% of the contract time elapsed. The construction layout with 1 to 2 men part time remains 96% complete.

Respectfully,

Bruce Russell, Supervisor-
Division Construction Section

BR:JMB:rkc

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
November 4, 1977

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending November 4, 1977.

GENERAL

The weather has been cool to warm with scattered rain showers throughout the division. Progress on road construction in general was good. Work on off system signing and off system road projects in progress in some areas. The temperatures ranged from a low of 29 degrees to a high of 71 degrees.

PRECONSTRUCTION

F 22-2(01), Plentywood-South
Formerly F 193(22)
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-26-76
Survey Resumed--11-22-76

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--03-31-78

No field work on project this past period; survey crew engaged on construction projects. Percentages completed on the 10.1 mile survey remain as follows: centerline, bench levels, profile and section ties 100% complete; topography 5% complete. One man day was used by Division Office personnel figuring grades. The project as a whole is 63% complete with 584 man days used to date.

F 32-1(01)0, Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Authorized--11-04-76
Location Survey Started--01-11-77

Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Est. Compl. Date--03-31-78

No work on project this past period. Centerline, bench levels and topography are 100% complete. Section ties are 75% complete; cross sections are 17% complete. The survey as a whole is 62% complete with 338 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized--01-22-75
Location Survey Started--01-13-77
Location Survey Suspended--03-30-77

George Nelson, Fld Proj Mgr
Scobey, Montana
Est. Compl. Date--03-31-78

No work on the project this past period. Engineering crew engaged on construction projects. Percentages complete on the survey remain as follows: centerline, bench levels 100% complete; topography 60% complete; section ties 35% complete; cross sections 10% complete. The project as a whole is 45% complete with 286 man days used to date. There will be no further field reports until work has resumed on the survey.

F 62-1(01), Missouri River Bridge-South of Culbertson
Formerly F 273(16)
Approximately 0.2 Mile in Length
Authorized--05-13-76
Location Survey Started--

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date--02-15-78

No work on bridge site survey this past period. Crew engaged on other projects. Survey suspended until crew is available.

S 246-1(01)0, Tampico-Glasgow
Formerly RS 257(5)
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act. Compl. Date--04-02-76 (Location)
Est. Compl. Date--10-15-77 (Design)

Two man days were used this period on final check making a total of 265 man days used to date on design which is 90% complete on the revised typical section and projected line. Proposed plans submitted to Helena 10-15-77.

S 438-1(01), Nashua-North
Formerly RS 239(5)
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75
Location Survey Completed--01-14-77

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Design Started--01-17-77
Est. Compl. Date--11-30-77 (PIH)

Five man days were used the past period on design. A total of 78 man days has been used to date on design which is 35% complete.

F 1-8(1)457 & HHS 1-8(2)454
Dodson-Malta & Dodson-East
Plant mix overlay, seal & cover
9.0 Miles in Length
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--
Bid Price--$537,518.34

Earth Builders, Inc.
Box 838
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Prob. Compl. Date--

Crushing of aggregate is not planned until later this fall or next spring.

RF 001-9-(001)644.2, Culbertson-
Diamond Creek
0.1 Mile in Length
Drainage improvement, aggregate surfacing, road mix bituminous surfacing
Contract Let--03-31-77
Contract Awarded--04-01-77
Proceed Order Date--04-22-77
Work Started--06-28-77
Bid Price--$85,761.00

Rehbein Contracting, Inc.
Plains, Montana
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--30
Act. Compl. Date--07-22-77

Project is 100% complete. Final estimate will be submitted to the Division Office for checking as soon as personnel are available to compile final supporting data.

RS 15(17) & RS 202(6),
Poplar-North and Brockton-North
7.647 Miles in Length
Plant mix surfacing, seal and cover
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--08-11-76
Bid Price--$342,345.22

Earth Builders, Inc.
Bismarck, North Dakota
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--60
Prob. Compl. Date--11-15-77

No work in progress. Work remaining on contract items is seeding. Project is 99% complete with 95% of the project time elapsed. One engineering personnel working periodically on notes.

F-FLH 25-2(2)47, Wolf Point
S.E. Section of the Circle-Wolf Point Road
5.7 Miles in Length
Grading, aggregate surfacing, plant mix bituminous surfacing, signing, lighting, traffic signals and a 71.25' prestressed concrete girder bridge
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--10-13-77
Bid Price--$2,107,378.17

Wickens Bros.
Lewistown, Montana
Duane J. Novakovich, Fld Proj Mgr
653-1050
Working Days--150
Prob. Compl. Date--12-01-78

F-FLH 25-2(2)47, Wolf Point
S.E. Section of the Circle-Wolf Point Road (Continued)

Work this past period has been good. 35,000 cu. yds. of uncl. borrow was moved or 52% complete. 30,000 cu. yds. of uncl. exc. was moved or 17% complete. C.S.P. culvert installations are 63% complete. Fencing 85% complete. 26 contractor employees worked 15 9-hour shifts. Project is 8% complate with 5% of the contract time elapsed. Two to eight engineering personnel are engaged on the project.

F 62-1(2)1, Sidney-Culbertson
6.7 Miles in Length
Grading, plant mix bituminous base, plant mix bituminous surfacing and signing
Contract Let--07-28-77
Contract Awarded--08-05-77
Proceed Order Date--08-26-77
Work Started--08-11-77
Bid Price--$2,272,925.24

William Clairmont, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
787-5701
Working Days--180
Pob. Compl. Date--06-01-78

Progress this past period has been good. 27 men on grading and pipe crews worked 15-9 and 3-8 hour shifts in balances 7, 8, 9 and 10 miles 5, 6 and 7. 22 men on gravel crew worked 23-8 hour shifts crushing, hauling and stockpiling 1½" plant mix aggregate out of pit Lab No. 424071-93. Six men on hot plant crew worked 8-8 hour shifts setting up drum dryer hot plant. Sub-grade in mile 7 has been prepared for plant mix base application several times; however, because of sudden rain showers causing severe muddy conditions, paving has not begun as yet. Plans are to begin the latter part of the first week in November, weather permitting. Items and percent complete are: unclassified excavation 60% complete, culvert installation 30%, fencing 90%, stockpiled P.M. base aggregate 35%. The project as a whole is 21% complete with 37 days or 20% of the contract time elapsed. The construction layout is 75% complete with a nine-man engineering and inspection crew engaged on the project.

RF 153(12)U-1, US 2-Dodson
0.3 Mile in Length
Grading, aggregate surfacing, road mix surfacing and structure
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Constr., Inc., & Affiliates
Havre, Montana
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391
Working Days--120
Prob. Compl. Date--06-15-78

No work in progress. Remaining work consists of seal and cover, seeding and fertilizing. No engineering personnel assigned to the project.

RS 248-4(2)18, Opheim-Scobey
Formerly S 8(12)
4.4 Miles in Length
Grading, aggregate surfacing, plant mix bituminous base and widening Timber Bridge
Contract Let--05-26-77
Contract Awarded--06-16-77
Proceed Order Date--07-07-77
Bid Price--$669,459.08
Work Started--06-30-77

Earth Builders, Inc.
Bismarck, North Dakota
George L. Nelson, Fld Proj Mgr
Scobey, Montana
487-5451
Working Days--110
Prob. Compl. Date--06-30-78

RS 248-4(2)18, Opheim-Scobey (Continued)

Progress has been good this past period. Earth Builders, Inc., prime contractor, employed six to fifteen men on an average of nine hours per day hauling 1½" select surfacing to the roadway and approaches, laying 1½" select, miscellaneous clean up and moving out equipment. Blake Mackin, sub-contractor, employed two men one 10-hour shift and two men two 8-hour shifts moving out equipment. All grading and drainage items are 100% complete. Production and stockpiling of all aggregate is 100% complete. 77,894 tons of 1½" select surfacing have been hauled to the roadway and approaches or 98% complete. Timber pile and treated timber items are 100% complete. Revise structure is 98% complete. The project is 54% complete with 66% of the time elapsed. Construction layout is 95% complete with one to seven engineering personnel on inspection and office.

TQS 250-1(2)37, Wolf Point N & E Loop (North Section)
6.0 Miles in Length
Aggregate surfacing and plant mix bituminous base
Contract Awarded--08-15-77
Proceed Order Date--09-06-77
Work Started--08-31-77
Bid Price--$392,435.60

Gus M. Albert
Miles City, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days--100
Prob. Compl. Date--06-15-78

Progress this past period has been good. 19,217 ton of 1" base course grade 6A was produced for a total of 19,994 ton or 100% complete. 16,748 ton of 1" plant mix base was produced for a total to date of 16,748 ton or 91% complete. 22 contractor employees worked 15 9-hour shifts. Project is 80% complete with 32% of the contract time elapsed. Four engineering personnel engaged on the project.

RRP 266(18), Grade Crossing Signals
Contract Awarded--05-23-77
Proceed Order Date--
Work Started--09-12-77

Burlington Northern, Inc.
St. Paul, Minnesota
George L. Nelson, Fld Proj Mgr
Malta, Montana
654-1391

Burlington Northern, Inc., had three men, one line truck and one backhoe on the project this past period wiring tracks and signals. The two signals and the two advanced RR crossing signs were installed. Signals will be put into operation sometime next week. Three men worked six 8-hour shifts this past period. One engineering personnel on inspection.

SMP 5399-77, Maintenance Stockpile
Crushing and stockpiling
Contract Let--09-29-77
Contract Awarded--10-01-77
Proceed Order Date--10-24-77
Work Started--
Bid Price--$120,000.00

Wickens Bros.
222 S.W. Ash
Lewistown, Montana
Leroy E. Anderson, Supr.-Div. Lab
Wolf Point, Montana
653-1050
Working Days--80
Prob. Compl. Date--

No work started on project.

Robert M. Hanson
for Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:BH:psb
cc: Field Project Managers
Don Williams
File

Div. 4230--5

DEPARTMENT OF HIGHWAYS
Billings, Montana

November 4, 1977

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the report period November 4, 1977.

GENERAL

Temperatures ranging from +30 to +65 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout the area. Good progress has been reported on the construction projects.

PRECONSTRUCTION

I 90-9(12)516 - Lodge Grass-North Section
Length 9.1 Miles
Grade, Drain, PMB and PMS
Big Horn County
Project Scheduled for Letting 2-78

Raymond Schaak, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255

A five man engineering crew worked 14-8 hour shifts, slope staking between stations 240+00 to 284+00 and 308+00 to 345+00, while running right of way line between stations 286+00 to 388+00.

F 4-1(1)0 Wyoming Line No.
Length 19.5 Miles
Survey Authorized 4-12-77
Work Started 9-13-77

Michael Zahn, Fld. Project Mgr.
Phone No. 446-1885
Probable Completion Date 12-15-77

No field work was done this period. The location is 60 % complete and the survey will continue as construction activities permit.

U 16-1(3) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

Two men worked on this project during the past reporting period, reviewing the plans for printing or public hearing prints, plans have been submitted to Helena for printing. Design work is 50 % complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75

Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-78

Survey will commence as soon as personnel are available. Project is 0 % complete.

F 4-2(02) Laurel - South
Laurel To Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

Michael Zahn, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

Aerial photos were taken October 11, 1977. No field work was accomplished this period. The Location is 5 % complete.

F 23-3(1) 119 - Broadus - Alzada
20.4 Miles Design Overlay Work
Design Started 9-12-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 11-18-77

One man worked on this project during the past reporting period, designing work summary sheets, typical sections and computing surfacing quantities. Design work can be completed as soon as test results have been reviewed and recommendations have been received. Design work is 30 % complete and the estimated completion date is November 18, 1977.

RS 000S(56) Yellowstone County
Signing Upgrade on 15.6 Mi. of
FAS 310 and 5.0 Mi. on FAS 311
Survey Authorized 6-28-77
Work Not Started

Engineer Unassigned
Probable Completion Date 2-1-78

The Location is 0 % complete and work will begin as soon as personnel are available.

S 416-1(1) Billings - South
8.2 Miles - Location Survey
Survey Authorized 2-26-76
Survey Started 2-14-77

Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Probable Completion Date 12-1-77

A four man survey crew worked three days locating section corners and property pins and tieing same to centerline. The project is 83 % complete.

RS 306-1(1)0 Columbus - North
3.897 Miles Design Work
Design Received 3-30-77
Design Started 9-15-77

James M. Young, Designer II
Billings, Montana
Phone No. 252-4138
Probable Completion Date 4-1-82

No work was accomplished on this project during the past reporting period. Design work is 5 % complete and the estimated completion date is April 1, 1982.

RS 311-2(2) Treasure County
Signing Upgrade on 6.6 Miles of
FAS 311
Survey Authorized 6-28-77
Work Not Started

Engineer Unassigned
Probable Completion Date 5-15-78

The Location is 0 % complete and work will begin as soon as personnel are available.

S 463-1(1)0 Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74
Design Started 11-4-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-15-82

No work was accomplished on this project during the past reporting period. Design work is 50 % complete and the estimated completion date is May 15, 1982.

DP 39-1(2) Lame Deer - Colstrip-South
9.700 Miles Design Work - Overlay
Design Started 7-5-77

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-18-77

One man worked on this project during the past reporting period, checking design work summary sheets. Design plans have been submitted to Helena for printing of final plan in hand inspection plans. Some test results are to be reviewed before design is complete. Design work is 50 % complete and the estimated completion date is November 18, 1977.

DP 384-2(1)32 Sarpy Creek Road
Photogrammetric Control 27± Miles
Date Authorized 9-28-76
Survey Started 12-21-76

John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Probable Completion Date 2-1-78

No work was done on the project this period. Photos and control data have been submitted to Helena and section corner location will continue as time permits. The project is 80 % complete.

DP 37-1(1) Crow Agency-Busby(West Section)
8.738 Miles Design Work
Design Started 7-18-77

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-20-78

Two men worked on this project during the past reporting period, plotting cross section templates and notes. Design work is 25 % complete and the estimated completion date has been changed to January 20, 1978.

I IG-90-8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix
Bit. Base Surf., 284' Structure
Amount of Contract - $3,273,435.74
Contract Awarded 6-5-75
Work Started 6-26-76

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Completion Date 7-12-77

Data was submitted to the Division Office on October 26, 1977 and is now 70 % complete. The final data will be sent to Helena about November 15, 1977.

I 90-8(84)391 - Reedpoint - East
6.0 Miles Pl. Mix Surf., Overlay
in W.B. Passing Lane
Amount of Contract - $48,455.40
Contract Awarded 9-19-77
Work Started 10-18-77

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Completion Date 10-21-77

The contractor began work October 18, 1977 and worked three 12 hour shifts and one 8 hour shift to complete the project. The contractor employed twenty-two men hauling and placing Type B Plant Mix on the driving lane of the W.B. ane from Station 171+00 to Station 462+00. The project was completed October 21, 1977. There were 25 man days of engineering time charged to this project for this reporting period.

I 90-8(80)439 - Mossmain Weigh
Station Revision
0.1 Miles, Revise
Approaches and Facilities
Contract Awarded 10-1-77
Amount of Contract - $146,396.55
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 40 Working Days
Probable Completion Date 6-1-78

As of this date no engineering time has been charged to the project and no word has been received from the contractor as to a starting date.

I 94-1(37)50 Unit 1
Structure and Approaches - Big Horn
River 0.22 Miles Yellowstone & Treasure Co's
Contract Awarded - 2-28-77
Amount of Contract - $1,007,315.91
Work Started 4-8-77

Sletten Construction Co.
Great Falls, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 210 Working Days
Probable Completion Date 5-1-78

Fair progress. The contractor worked 15-8 hour shifts and employed four men on the project stripping and finishing Caps Bent No. 1 and No. 5. Forming, placing rebar and

I 94-1(37)50 Unit 1 Cont.
concrete and stripping and finishing Backwall Bent No. 5. Forming and placing concrete in Median Inlet Cover and Drain Chute. Percentage Items Complete: Concrete-Class BD 3 %. Shoring and Cribs 85 %. Reinforcing Steel 22 %. Cost of Training Program 73 %. Concrete-Class AC-DC 100 %. CSP 24 In .064 100 %. Inlet Cover 24 In. Type 1 100 %. All Other Items remain the same. The project is 32 % complete with 137 working days or 65 % of the contract time elapsed. Structure and approach staking and computations are 25 % complete. Forty-two man days have been charged to the project this newsletter period.

I 94-2(17)60 U1 & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr., Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Awarded 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 11-15-77

The contractor started seeding isolated areas, including surfacing and borrow pits on November 1, 1977. The drill broke down. The contractor has parts on order, and plans to resume work as parts arrive. One man is working up quantities in the project office. No working days are being charged as all items are complete except for isolated seeding areas.

F 28-2(2)95 Front Ave.-Joliet
Installation of Sodium Vapor Lighting
0.2 Miles
Contract Amount - $17,363.00
Contract Awarded 7-29-77
Work Not Started

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 5-1-78

The contractor has requested a preconstruction conference on November 8, 1977.

RF 108(16) Billings - North
Billings - Roundup
6.9 Miles - Yellowstone Co.
Gr., Agg. Surf., Pl. Mix Surf.
Drain and Structures
Contract Awarded 8-24-76
Amount of Contract - $2,418,157.90
Work Started 10-19-76

McEachern Const., Co., Contractor
Butte, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 248-4050
Billings, Montana
Contract Time: 160 Working Days
Probable Completion Date 12-15-77

Good progress this reporting period. Balthrush Construction Co. worked 14-8 hour shifts. They completed the plant mix operations with the exception of some approaches and the bituminous-curb. They laid down 24,026 tons of Bit. Surf. Gr. A this reporting period. Western Sign Corp. began work October 17, 1977. They have reset the flasher

RF 108(16) Billings - North Cont.
at Station 148+10 on the "B" Line, the concrete guardrail posts installed and some signs have been installed on the project. Swan & Son began seeding operations October 26, 1977. They have drilled seeded the left side from Station 20+00 to the end of the project. The right side has been seeded from Station 20+00 to 260+00. They will also begin hydro-seeding November 1, 1977. On the roadway items the fencing is 84 %, surfacing items are 93 %, concrete items are 100 %, miscellaneous items are 79 %, seeding is 28 %, and signing is 36 % complete. The project is 89 % complete with 89 % of the contract time elapsed. An average of 20 men were employed. Eleven persons were assigned to the project for engineering and inspection work. The roadway engineering is 85 % complete.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 11-15-77

Work in progress this reporting period consisted of installing the Traffic Signals at Center Avenue and Third Street which has been nearly completed. The Signals are scheduled to be activated on November 2, 1977. The sub-contractor, Midland Electric Company, worked eleven 8 hour shifts with three men employed this reporting period. The Miscellaneous items are 100 % complete. The Grading items are 100 % complete. The Drainage items are 100 % complete. The Surfacing items are 100 % complete. The Curb and Gutter items are 100 % complete. The Signing and Lighting items are 98 % complete. The Fencing items are 100 % complete. The project as a whole is 99 % complete with 149 working days of the 216 allowed having been used or 69 % of the contract time elapsed. One man is assigned to Traffic Signal inspection. Engineering layout is 100 % complete.

M 1008(2) Central Avenue Ramp - Billings
Gr. Drain Agg., Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Construction Co., Center
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Completion Date 6-28-77

No man days have been used during the past reporting period. The final quantities should be into the division office by the end of November.

M 1018(2) & M 1099(2) U2
Interim Couplet 4th & 6th Ave. No.-Billings
Gr., Agg. Surf., Pl. Mix Surf.,Signs & Signals
Contract Amount - $128,510.00
Contract Awarded - 10-20-76
Work Started 3-16-77

Midland Electric Co.
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 11-30-77

The contractor, Midland Electric Co. had an average of 6 men employed and worked 15-8 hour shifts; pouring pole bases, setting standards and mastarms, hanging signal heads and ped. heads, pulling wire, setting controllers and making wire hookups. The subcontractor, Western Sign Corp. had an average of 5 men employed and worked 7-9 hour shifts augering sign post bases, setting sign posts, painting sign posts, hanging signs, covering signs, uncovering signs and laying plastic striping. The subcontractor, Empire Sand & Gravel Co., Inc. had an average of 6 men employed and worked 7-8 hour shifts paving radius at 4th Ave. No. & No. 13th St., removing butter at 4th Ave. No. & Exposition Dr. and resetting drop inlets and installing 8" sewerline at 4th Ave. No. and Exposition Dr, hauling 1½" and 3/4" material and paving Metra approach at 6th Ave. No. and Exposition Dr. The subcontractor, Quality Concrete Co., had an average of 3 men employed and worked 6 various hour shifts pouring sidewalks, setting pindown curb, pouring valley gutter and pouring in place pindown curb. At 12:30 A.M., Tuesday, November 1, 1977 the new signals at 4th Ave. No. and 6th Ave. No. and Exposition Dr. were activated and the one way system was incorporated with no major problems arising. Those in attendance were personnel from Midland Electric Co., Western Sign Corp., Econolite and The Department of Highways. Lee Cloninger arrived later in the day. Some minor problems were detected at the time of the turn over and have been corrected as of this date. Remove Curb is 100 % complete, Remove Signs is approximately 90 % complete, Remove Misc. Items is 100 % complete, Exc-Street is approximately 95 % complete, Plant Mix Bit Surf Gr. A is approximately 95 % complete, Concrete-Class D is 100 % complete, Exc.-Culvert is 100 % complete, Pipe Conc Sewer 8 In Std. is 100 % complete, Curb-Precast Conc is approximately 85 %, Curb and Gutter-Conc is 100 % complete, Sidewalk-Concrete 4 In is 100 % complete, Conduit Steel Rigid 1 In & 2 In is 100 % complete, All State furnished Cables, Conductors, controller, signal heads, detector/Loop Ampl. and Push Button/Pedestrian are 100 % complete, State furnished Signal Standards are approximately 95 % complete, State furnished Emer Pre-emption system is 90 % complete, Cable-Copper 12AWG14-600V is approximately 50 % complete, Elec Serv Assembly Modify is 100 % complete, Sig-Traf 3 Col-1 Way 12-8-8 is approximately 90 % complete, Contlr/SS-Traf-Actuat Type 2 is approximately 50 % complete, Signal Standards at 4th Ave. No. & 6th Ave. No. at No. 13th St. are approximately 95 % complete, Detector/Loops are approximately 50 % complete. Detector/Loop Shld Cable is approximately 50 % complete, Removal & Salvage (Item No. 872 420 000) is approximately 30 %, Signs-Aluminum Sheet Increment is 100 % complete, Signs-Sheet Alum, Refl. Sheet A is 100 % complete, Signs-Sheet Alum, Refl Sheet B is 100 % complete, Posts-Tubular Steel is 100 % complete, Posts Steel Structural Sign is 100 % complete, Striping-Yellow Paint is 100 % complete, Striping-White Paint is 100 % complete, Striping-Plastic is approximately 19 % complete, Words & Symbols-White Paint is 100 % complete, Reset Signs-Guide is 100 % complete, Reset Curb Inlet is 100 % complete and Miscellaneous Work is 100 % complete. All other items remain the same as previously reported. Contract time elapsed has been 48 working days or 40 % with 72 working days remaining. Engineering time charged to the project during the past reporting period has been 68 man days. The project as a whole is approximately 80 % complete.

TQS 308-1(2)4 Red Lodge - Belfry
3.0 Miles - Grading, Agg. Surf.,
Bit. Base, Signing, in Carbon County
Contract Amount - $1,122,589.78
Contract Awarded 4-1-77
Work Started 5-4-77

Rehbein Contracting, Inc.
Plains, Montana
Michael Zahn, Fld. Project Mgr.
Red Lodge, Montana
Phone No. 446-1805
Contract Time: 150 Working Days
Probable Completion Date 5-1-78

Meyer Construction Company finished placing P.M.B.B.C.: they worked six 9 hour shifts with 29 men employed. Western Sign Corp. installed the signs and guard rail. They worked five 9 hour shifts with five men employed. Mark Rite Lines striped the project. They worked 1½ hours with two men. Swan & Sons Construction seeded the project. They worked seven days with three men employed. Grading Items are 100 % complete. Drainage Items are 100 % complete. Surfacing Items are 95 % complete. Fencing Items are 85 % complete. Seeding Items are 100 % complete. Signing Items are 100 % complete. Guard Rail Items are 100 % complete. Canal Items are 98 % complete. An eight man engineering crew has been staking signs and guard rails, working on notes and inspecting construction. Construction layout is 100 % complete. The project is 96 % complete with 77 % of the contract time elapsed.

DP-TQS-384-2(2)32 So. Section-Sarpy Creek Rd.
8.7 Miles - Pl. Mix Base, Pl. Mix Surf., &
Misc. Work
Treasure County
Contract Amount - $877,948.10
Contract Awarded 7-27-77
Work Started 8-30-77

Hildre Construction Co., Inc.
Great Falls, Montana
Donald Kittelson, Fld. Project Mgr.
Phone No. 665-3995
Hardin, Montana
Contract Time: 100 Working Days
Probable Completion Date 5-1-78

Work in progress this reporting period consisted of placing 1st and 2nd lifts of Plant Mix Base which was completed on October 25, 1977. Also the lift of Plant Mix Surfacing was begun on October 25, 1977 and is scheduled to be completed on November 1, 1977. The contractor worked fifteen ten hour shifts with thirty men employed this reporting period. The Miscellaneous items are 95 % complete. The Grading items are 69 % complete. The Surfacing items are 86 % complete. The project as a whole is 88 % complete with 67 working days of the 100 allowed having been used or 67 % of the contract time elapsed. A five man survey crew has been measuring seeding areas and approaches and running poppy line for the 2nd lift Plant Mix Base and the lift of Plant Mix Surfacing. Four men are assigned to the Plant Mix operation inspection. One man is assigned to the office. Engineering layout is 89 % complete.

RS 129(14) Columbus - Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing and
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contractor
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 252-4138
Billings, Montana
Contract Time: 150 Working Days
Completion Date 6-20-77

The project is complete. The final estimate should be in the division office by November 15, 1977.

RS 311-2(3)11 Myers Bridge - N.W.
4.9 Miles Grade, Gravel, Drain, Pl. Mix Base
and 81.25' Structure - Treasure County
Amount of Contract - $818,564.06
Contract Awarded 6-6-77
Work Started 6-16-77

Wickens Brothers, Contractors
Lewistown, Montana
John Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 120 Working Days
Probable Completion Date 5-1-78

Progress has been fair this reporting period. Wickens Brothers worked three days on general clean-up, and five days backfilling bridge ends Station 791. He started seeding on October 26, 1977 and is about 90 % complete. He is working nine hour shifts and employed ten men. Kimmel & Reed, fencing subcontractor worked six days and employed five men. Cop Construction, subcontractor on the bridge, poured the curb and installed the bridge rail. He applied the protective coat, and painted the bridge rail. All items are substantially complete. R. J. Studer & Sons, subcontractor started paving operations on November 1, 1977. The Hot Plant is a Cedarapids Drum Dryer Model No. 10032, and is producing about 375 tons per hour. The generator for the plant broke down and the contractor will not resume paving operations until November 3 at the earliest. He plans to work nine hour shifts and employ twenty men. Percentage complete of various items are as follows: Grading 99 %, Drainage 95 %, Signing 40 %, Surfacing 52 %, Fencing 87 %, Structure 98 %. 86 of the allotted 122 Working Days have now been used, making 70 % of the contract time elapsed. The project as a whole is nearly 76 % complete. Ten employees are assigned to this project. Construction layout is 80 % complete.

DP 384-1(4)0 Hardin -East
19.0 Miles - Pl. Mix Bit Base Overlay
Seal & Cover, in Big Horn County
Contract Amount $845,091.24
Contract Awarded 4-1-77
Work Started 7-5-77

Border States Paving, Inc.
Fargo, North Dakota
Donald Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 110 Working Days
Completion Date 10-12-77

Work in progress this reporting period consisted of striping the centerline and shoulder line from Station 17+00 to Station 1040+00. The Striping was completed on October 12, 1977. This completes the project. The subcontractor, Swanston Equipment Company, worked one 2 hour and one 10 hour shift with three men employed this reporting period. Miscellaneous items are 100 % complete. Surfacing items are 100 % complete. The project as a whole is 100 % complete with 104 of the 123 working days allowed having been used or 85 % of the contract time elapsed. Engineering layout is 100 % complete.

HHS 4-2(1)52 U1-Main & 1st Ave.-Laurel
Installation of traffic control devices
0.01 Miles
Contract Amount $44,966.00
Contract Awarded 1-31-77
Work Started 8-15-77

Midland Electric Co.
Billings, Montana
Gerald Loran, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Completion Date 9-28-77

The project was completed September 28, 1977 and the Certificate of Completion was issued September 30, 1977. The Semi-Final Estimate was submitted October 17, 1977. Engineering time charged to the project during the past reporting period has been seven man days with two men working in the office on final quantities. Most of the final quantities have been checked by the office engineer.

T-U-TQF 9010(10)Unit 1 - 27th St.-Billings
Installation of detour signing for railroad crossing improvement
0.1 Miles
Contract Amount - $9,996.00
Contract Awarded 9-6-77
Work Started 9-22-77

Schmoll Construction Co.
Hardin, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 15 Working Days
Completion Date 10-10-77

The project has been checked in the Division Office and will be forwarded to Helena by first available state transportation.

Respectfully Submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/st

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
November 4, 1977

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending November 4, 1977, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies and occasional wind prevailed during the past period. Temperatures ranged from 30° to 69°. All construction projects are in good travel condition. On I-94, guardrail operations are in progress 2 miles west to 3 miles east of Forsyth. On U.S. 12, guardrail operations are in progress from junction with I-94 to a point 0.5 mile north. On Montana 22, seeding operations are in progress ½ to 6 miles south of Cohagen.

PRECONSTRUCTION

DP 37-2 (1) 42 - Lame Deer-Ashland
Length - Approx. 22.0 Miles
Survey Not Started

Fld. Proj. Mngr. - Unassigned
Prob. Compl. Date: Apr. 15, 1978

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 37-3 (1) 64 - Ashland-East
Length - Approx. 20.4 Miles
Survey Started: August 23, 1977

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Apr. 15, 1978

No work was performed on this project during the past period. To date, Right-Of-Entry Permits have been secured and ownerships checked.

DP 39-1 (3) 27 - Colstrip to I-94 (Center Section)
Length - 10.9 Miles
Survey Started: January 13, 1976
Survey Suspended: March 3, 1977
Design Started: May 16, 1977
Survey Resumed: July 20, 1977

W. D. Dane, Fld. Proj. Mngr. (Survey)
A. D. Anderson, Designer II (Design)
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date (Survey):Nov. 10, 1977

Location survey and design are in progress concurrently on this project. Survey work in progress during the past period consisted of obtaining drainage areas and recommendations and securing additional topography. Section ties, drainage recommendations and additional topography remain to be secured for this survey. The survey as a whole, with a six-man engineering crew engaged, is 86% complete. 55 man-days were used during the period making a total of 352 man-days. Design work performed during the past period consisted of placing section ties on the plan sheets. The preliminary plan-in-hand was held October 25, 1977. Eleven man-days were used on design. Design as a whole is 10% complete with eighty-six man-days used.

DP 39-1 (3) 38 - Colstrip to I-94
(Armell's Creek - North and South)
Length - 6.4 Miles
Survey Started: January 13, 1976
Survey Suspended: February 10, 1976
Survey Resumed: September 30, 1977

W. D. Dane, Fld. Proj. Mngr. (Survey)
A. D. Anderson, Designer II (Design)
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date (Survey): Dec. 30, 1977

Work in progress during the past period consisted of making section ties on 4.0 miles or 63% complete. Photogrammetric sheets are being prepared. Cross section limits were placed on work sheets and submitted to photogrammetry for reduction and a profile plot. To date, centerline and levels have been run and topography checked on 6.4 miles or 100% complete. 44 man-days were used during the period making a total of 293 man-days. The survey as a whole, with a five-man engineering crew engaged, is 56% complete.

S 447-1 (1) 29 - 8 Miles So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977

D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: May 20, 1978

No work was performed on this location survey during the past period. To date, centerline has been run on 9.054 miles or 100% complete. Topography has been taken on 0.5 mile or 1% complete. The survey as a whole is 30% complete.

DP 447-1 (4) 0 - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Mar. 15, 1978

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man-days have been used. The survey as a whole is 5% complete.

RS 544-1 (1) 26 - Boyes-South on SR-544
Length - Approx. 8.0 Miles
Survey Started: November 17, 1975

R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Comple. Date: Feb. 15, 1978

No work was performed on this project during the past period. To date, Right-Of-Entry Permits have been secured, ownerships checked, and fly line established.

DP 566-1 (1) - Tongue River Bridge S.W. of Birney
Length - Approx. 0.5 Mile
Survey Started: Oct. 26, 1977

C. D. Murray, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Prob. Compl. Date: Dec. 30, 1977

A six-man engineering crew began work on this location survey October 26, 1977. Work in progress since that date has consisted of running centerline and levels and taking topography on 0.5 mile. Cross sections have been taken on 0.2 mile. 45 man-days have been used. The survey as a whole, with a six-man engineering crew engaged, is 30% complete.

CONSTRUCTION

I 94-3 (29) 90 U-2 - Forsyth-East and West
Length - 5.745 Mi. Grad., Gravel Surf.
Pl. Mix Bit. Surf., Fencing, Sign., 254.5'
West Interchange Structure, & 304.5' South
Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - U.S. 12-I Conn.-Forsyth
Length - 0.306 Mile Grad., Gravel Surf.,
Pl. Mix Surf., Sign., & 233.0' BN Overpass
Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Started: July 20, 1976

Wickens Brothers, Contractor
Lewistown, Montana
R. R. Garland, Fld. Proj. Mngr.
(Roadway)
W. D. Dane, Fld. Proj. Mngr.
(Structure)
Forsyth, MT - Tel. No. 356-2230
Contract Time: 300 Working Days
Prob. Compl. Date: Dec. 15, 1977

Progress during the past period has been fair. 10,000 lineal feet of guardrail were placed making a total of 10,000 lineal feet or 74% complete. Seeding is 90% complete. All other items are 100% complete. The structures are 100% complete. The contractor worked fifteen 9-hour shifts with 17 men employed. The project as a whole is 98% complete with 78% of the contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 98% complete.

I 94-3 (27) 114 - Hathaway-East and West
Length - 5.6 Miles Grading, Aggregate
Surfacing, Plant Mix Bit. Surf., and
244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
D. F. Borer, Fld. Proj. Mngr.
(Roadway)
Miles City, MT - Tel. No. 232-1093
Contract Time 200 Working Days
Act. Compl. Date: Oct. 22, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions October 22, 1977. Formal inspection and acceptance were made October 24, 1977. The final estimate with a two-man engineering crew engaged is 85% complete and will be submitted to the Division Office about November 30, 1977.

F 39-1 (1) 13 - Colstrip-Lame Deer
Length - 7.5 Mi. Pl. Mix Overlay
Contract Let: March 31, 1977
Proceed Order: April 22, 1977
Amount of Contract: $678,362.60
Work Started: May 26, 1977

Baltrusch Constr. Co., Contractor
Havre, Montana
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Act. Compl. Date: Oct. 19, 1977

All items were completed in conformance with Plans, Specifications, and Special Provisions October 19, 1977. Formal inspection and acceptance were made October 27, 1977. The final estimate with a two-man engineering crew engaged is 65% complete and will be submitted to the Division Office about December 30, 1977.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles S.E. of Miles City-N.W.
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
D. L. Stewart, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 180 Working Days
Prob. Compl. Date: Oct. 30, 1977

Progress during the past period has been poor. Seeding and fertilizing within the roadway construction limits were completed. Reclamation of aggregate surfacing pits is in progress. The contractor worked fourteen 8-hour shifts with 3 men employed. The project as a whole is 99% complete with 99% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged is 99% complete.

RF 157 (28) - Cohagen-South
Length - 5.433 Miles Grading, Agg. Surf. & Pl. Mix Bit. Surf.
Contract Let: October 28, 1976
Proceed Order: April 18, 1977
Amount of Contract: $1,258,220.14
Work Started: February 24, 1977

Earth Builders, Inc., Contractor
Bismarck, North Dakota
R. E. Swanson, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 160 Working Days
Prob. Compl. Date: Nov. 25, 1977

Progress during the past period has been good. Plant Mix operations were begun October 15, 1977, and completed October 22, 1977. 16,924 tons of Grade B Plant Mix Bituminous Surfacing using 997 tons of 120-150 Asphalt Cement were placed. 1,512 pounds of seed were applied or 100% complete. To date, 1,729 rods of F2M fence has been installed or 96% complete. 1,523 rods of F5M fence has been installed or 85% complete. The Prime Contractor worked seven 10-hour shifts with 30 men employed. Sub-Contractor, Sherrodd, Inc., worked five 8-hour shifts with two men employed. The project as a whole is 98% complete with 81% of the contract time elapsed. Construction layout, with a two man engineering crew engaged, is 99% complete.

SRS 4148 (53) Railroad Crossing
Signals 5th St. - Miles City
Estimated Cost: $30,400.00
Work Started: October 26, 1977

Force Account Work by Railroad Forces - Milwaukee Railroad
D. F. Borer, Fld. Proj. Mngr.
Miles City, MT - Tel. No. 232-1093

The Chicago, Milwaukee, and St. Paul Railroad began work on this project October 26, 1977. Work in progress since that date has consisted of placing electrical cable. 2 men worked five 9-hour shifts and one 4-hour shift. The project as a whole is 2% complete.

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:rjs

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

November 4, 1977

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of October 15, 1977 through November 4, 1977.

GENERAL

The temperature varied from 75°F above to 21°F above with 0.34 inches of percipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2 (01)75 Martinsdale-East & Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1-4-71
Survey Completed: 4-5-73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge situation survey was submitted to Helena on 9-19-73. Drainage and Irrigation notes, including Field Recommendations were submitted to Helena on 7-18-73. Tracing Plan and Profile Linens remain 80% complete. Nine man days were used coding I.B.M. sheets for run No. 2 and were submitted to Helena 10-28-77; compiling additional information for the Hydraulics Section which was submitted to Helena 11-1-77. The design as a whole is 8% complete with 21 man-days expended to date.

TWO DOT-WEST: Bridge situation surveys were submitted to Helena on 9-18-73. I.B.M. Run No. 2 was received on 9-29-77. The P.I.H. was held August 31, 1977. Twenty man-days were used making P.I.H. changes for 50% completion. The design as a whole is 60% complete with 294 man-days expended to date.

RS 236-1 (01)49 PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5-30-75
Survey Started: 12-13-76

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A four to eight man engineering crew worked a total of 26 man-days on the project during the past reporting period. Work consisted of making section corner ties to Alternate Line 'A' and Alternate Line 'B'. The section ties are approximately 90% complete with office computations remaining for completion. The remaining survey data was submitted to Helena on May 12, 1977. A total of 560 man-days have been expended to date.

RS 294 -1 (01) Martinsdale to US 12
Approximate Length: 2.188 Miles
Survey Authorized: 8-30-74
Survey Started: 3-25-76
Survey Completed:

Martin C. VanMil
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the Lewistown area.

F 57-2 (02)33 Stanford East & West
Approximate Length: 14.0 Miles
Survey Authorized: 9-28-76 & 10-24-77
Survey Started: 1-31-77
Survey Suspended: 4-6-77
Survey Resumed: 5-19-77

Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327

Authorization was received on October 24, 1977 to extend the original survey approximately 6 miles to mile post 47.7 A 6 man engineering crew expended 28 man-days on the extended portion establishing major controls and major control traverse and closure. The original survey was 55% complete as of the last report and with the extended portion the overall survey is approximately 25% complete. Work will be interrupted to complete installation of R/W and Centerline monumentation on project RS444(3) in addition to a 30 day temporary assignment to the Butte Construction Division.

F 57-3 (03) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2-15-72
Survey Started: 11-25-74

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been accomplished on this project this reporting period. Engineering crews have been assigned to other projects. The survey as a whole is 77% complete with a total of 459 man-days worked.

RS 462-2 (1)15 Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4-10-73
Survey Started: 9-10-73

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

RS 462-2 (1)15 Rock Springs-Van Norman continued...

The completed location and supporting data, with the exception of section ties, was submitted to the division office on 7-11-77. Hydraulics data was submitted to Helena on 6-29-77. IBM Sheets were received 7-13-77. Items 100% complete are: plotting and inking cross-sections, plotting mylar, plotting profile and templates, drawing summaries, tracing plan and profile linens, designing miscellaneous items, and plotting right-of-way. The design as a whole is 50% complete with 153 man-days expended to date. The completed design was submitted to Helena October 4, 1977 for P.I.H. prints. No tentative date has been set for the P.I.H.

F 57-3 (02)112 Grass Range-East
Approximate Length: 8.8 Miles
Survey Authorized: 6-2-77
Survey Started: 9-22-77

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A three to six man engineering crew worked a total of 51 man-days on the project during the past reporting period. Work consisted of running levels and setting bench marks from Sta. 309+50 to Sta. 481+00 for a total to date of 8.8 miles or 100% complete; running centerline from Station 387+24.5 to Station 391+41.4 for a total to date of 8.8 miles or 100% complete; taking topography from Station 19+04.5 to Station 371+06 for a total to date of 6.7 miles or 76% complete. The location survey as a whole is 45% complete with 124 man-days expended to date.

F 43-1 (1)3 Lewistown-North
Approximate Length: 11.3 Miles
Survey Authorized: 3-16-77
Survey Started: 8-30-77

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A four to six man engineering crew completed field survey work on planned plant mix overlay from approximately 3 miles north of Lewistown and extending 11.8 Miles to town of Hilger on US 191. Work the past reporting period consisted of running offset line for 2.2 Miles; cross sectioning drains and checking approach paving requirements for 3.8 Miles; plotting and inking cross sections for 5.9 Miles for a total to date of 8.8 miles or 75% complete. Thirty-three man-days were expended making a total of 121 man-days to date. All Field location data was submitted to Division Design Section on 11-2-77.

ER 72 (23) Lewistown-Southeast
Approximate Length: 0.445 Miles
Survey Authorized: 12-31-75
Survey Started: 7-2-76
Survey Suspended: 7-29-76
Survey Resumed: 9-27-76

Mitch J. Miller
Designer II
Lewistown, Montana
Telephone: 538-8731

All location data and final design data were submitted to Helena on 4-26-77. The P.I.H. was held 4-8-77. Utility agreements with the Mountain Bell were received on 7-22-77. Mountain Bell staked relocation 8-4-77. Form 133 and relocation plans received from Mountain Bell on 8-12-77. Mountain Bell completed their line revisions October 25, 1977.

RS 000S (57) Musselshell County — Unassigned at this time
Signing Graveled Secondaries
Approximate Length: 17.3 Miles
Survey Authorized: 6-28-77
Survey Started:

Nor work has been done on this survey to date. Work will begin when a crew becomes available.

RRP 4139 (51) Yogo Inn Crossing-Lewistown
Grade Crossing Signals
On System, Main Street

Agreement for project was received by the Lewistown office 7-14-77. The project was authorized to proceed 7-11-77. Project staked 9-1-77. Work began 9-12-77. Project was completed October 25, 1977. This will be the last report for this project.

M 7106 (3) Spring Street 8th-11th-Lewistown — HKM Associates
Approximate Length: 1100.00 Feet — Consulting Engineers
Survey Authorized: 12-6-76 — Billings, Montana

No report received this reporting period.

M 7106 (1) 4th Avenue-Lewistown — HKM Associates
Approximate Length: 0.4 Miles — Consulting Engineers
Survey Authorized: 9-28-76 — Billings, Montana

No report received this reporting period.

RS 245-1 (1) 6 Miles Northwest-Jordan — Unassigned at this time
Approximate Length: 8.0 Miles
Survey Authorized: 9-28-76

No work has been accomplished on this survey to date.

RS 294-1 (2)12 Lennep-East & West — Unassigned at this time
Approximate Length: 7.0 Miles
Survey Authorized: 5-24-77

No work has been done on this project the past reporting period. Four man-days have been expended to date establishing land ownerships along the proposed route.

CONSTRUCTION

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bituminous Surfacing, Sewer Installation, Signing, Lighting, and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4-1-76
Bid Price: $1,820,322.90
Work Started: 5-24-76

Washington Construction Company
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 160 working days
Completion Date: 9-06-77

U-RF 103 (15) Lewistown-North continued...

The project was completed September 6, 1977 and accepted by Mr. H.J. Anderson, Director of Highways, as of September 8, 1977. The Final Estimate and Supporting data were submitted to the Division Office Engineer on 8-30-77. The Milwaukee Railroad completed their work on F 103 (16) on October 25, 1977. This completes all construction and utility work on RF 103 (15). The final and supporting data are being checked in the Division Office.

RF 138 (8) Roundup-North
Grade, Gravel, Plant Mix Surfacing
Bridge
Project Length: 6.2 Miles
Contract Awarded: 5-24-76
Work Started: 7-1-76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co., Inc.
Great Falls, Montana
Robert A. Passow, S. E. T.
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 working days
Completion Date: 10-24-77

Work accomplished this reporting period consisted of seeding 41.8 acres, which completes all work on the project. Project was completed 10/24/77 with 164 days used and 26 days remaining of the total contract time allowed. Seeding subcontractor Swan and Son worked 3 men 1 - 10 hour shift and 2 men 2 - 8 hour shifts. Equipment consisted of 1 - 2 ton flatbed truck, 1 - 3/4 ton pickup, 1 tractor with 10' drill, and 1 tractor with 10' harrow. Project is 100% complete with 91% of the contract time elapsed. Field office in Roundup has been closed down and all office and engineering equipment has been moved to the division office in Lewistown. Three men are assigned to the project at the present time checking final quantities which are approximately 90% complete.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5-28-76
Contract Amount: $1,874,234.66
Work Started: 8-5-76

Hilde & Maronick Constr. Co.'s (JV)
East Helena, Mt.
Bruce H. Harrett
Field Project Manager
Telephone: 423-5327
Hobson, Montana
Contract Time: 180 Working Days
Completion Date: August 31, 1977

A four man engineering crew has been setting Centerline and R/W monuments and two engineering personnel have been working on the final estimate and supporting data. Centerline and R/W monumentation is 99% complete and the only remaining item for completion of the final is plotting the Centerline and R/W monuments on the corrected white prints. Work will be interrupted for approximately 30 days due to a temporary assignment to the Butte Construction Division.

RF 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surfacing
Plant Mix Surfacing, Drain, Seal and
Cover, Signing, and Construct an 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3-31-76
Contract Amount: $1,001,089.52
Work Started: 4-9-76

Zook Brothers Construction Company
Great Falls, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8731
Contract Time: 175 working days
Completion Date: 8-10-77

RF 450 (3) Denton-North Continued...

Final estimate and supporting data were submitted to the division office 9-9-77. Final estimate and supporting data to be submitted to the Helena Construction Bureau November 21, 1977.

F61-4 (2)88 Slide Correction North of Fred Robinson Bridge
0.1 Mile Slide Correction
Contract Let: 7-28-77
Contract Amount: $112,121.50
Work Started: 8-22-77

Stuber Construction Company
Glasgow, Montana
Martin C. Van Mil, P. E.
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Prob. Completion Date: 12-30-77

Progress during the past reporting period has been poor due to equipment breakdowns. The contractor worked fifteen 8 hour shifts with four to six men employed. Work consisted of the removal of 15,500 cubic yards. The project as a whole is 43% complete with 83% of the contract time elapsed. A two-man engineering crew is assigned to the project.

F43-1 (2)0 Lewistown-North
Length: 2.7 Miles
Seal & Cover
Contract Awarded: 9-15-77
Contract Amount: $46,298.00
Work Started: 9-2-77

Francis M. Tindall
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 20 working days
Completion Date: 10-7-77

The project was completed and accepted on October 7, 1977. The final estimate and supporting data were submitted to the Division Office on October 18, 1977.

Respectfully submitted,

R. W. Freeman, P. E., Supvr.
Div. Construction Section

RWF/JHP/den

cc: Field Proj. Mgr. 's
Div. File

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION
OCTOBER 13, 1977

MONTHLY PROGRESS REPORT

DIRECT FEDERAL CONSTRUCTION

MONTANA

October 13, 1977

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	101	79 November 1977	R. J. Studer & Sons ~~$3,464,525.00~~ ~~$3,441,860.00~~ $3,473,520.00